

19990311.qrp v01_n392.qrl.990311

Date: Thu, 11 Mar 1999 19:03:13 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1392

QRP-L Digest 1392

Topics covered in this issue include:

- 1) [35256] Can some please explain
by "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
- 2) [35257] Re: ARRL DX contest and QSLs
by Dave Sjolin <sjolin@swbell.net>
- 3) [35258] fw: They're trying to do it to us again!!!!!!!
by John Dorson <jdorson@metrolink.net>
- 4) [35259] Re: SW-30, NW-30, or NC-30 which one is it???
by Dave Sjolin <sjolin@swbell.net>
- 5) [35260] Re: REPAIR JOB: NC-20, long but worth it.
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 6) [35261] Re: Kure Island location....
by W5TB <w5tb@SoftHome.net>
- 7) [35262] Re: Kure Island location....
by Hank Kohl K8DD <k8dd@contesting.com>
- 8) [35263] Re: Kure Island location....
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 9) [35264] Re: Interference
by "John J. McDonough" <jjmcd@tm.net>
- 10) [35265] Is there anybody there? and Joe Gervais!
by "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
- 11) [35266] Re: Getting rid of switching noise
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 12) [35267] Re: Kure Island location....
by "Radman" <radman@best.com>
- 13) [35268] Re: Interference
by kkanalz@optelinc.com
- 14) [35269] Re: SW-30, NW-30, or NC-30 which one is it???
by The Phreique <slombard@primenet.com>
- 15) [35270] balun core as PA o/p transformer
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 16) [35271] Hawaii & Kure Island call prefixes....
by "Radman" <radman@best.com>
- 17) [35272] And now for the next insanity . . . slobber flux, alien
invasions & possum squeesin's.
by Nils R Young <nilsbull@juno.com>
- 18) [35273] LOOKING FOR E-MAIL ADDRESS FOR W6RCL
by FrConrad@aol.com

- 19) [35274] NC 20 cases shipped/info
by "Doug Hauff" <slmachco@fix.net>
- 20) [35275] Re: Heath Balun
by Harvey Laidman <HarveyL@0utaDaLoop.com>
- 21) [35276] F/S
by K4NK@aol.com
- 22) [35277] QRP-1 Survey-I am curious.
by Glen Reid <k5fx@flash.net>
- 23) [35278] Heathkit KEYER-Making it work with '40A?!?
by "Justin McAllister" <kd5ako@hotmail.com>
- 24) [35279] Atlanticon talk preview #5: "PICpm, a PIC-based QRP Power Meter"
by "George Heron" <gheron@nac.net>
- 25) [35280] DX-77 OWNERS, please.
by Neil Klagge <w0yse@juno.com>
- 26) [35281] NC20 help
by Bill Wetherill <n2wg@wilmington.net>
- 27) [35282] Re: Kure Island location....
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 28) [35283] QRP Awards
by radioham@erols.com
- 29) [35284] Re: Heath Balun
by Chuck Carpenter <w5usj@unicomp.net>
- 30) [35285] re: Searchin'
by Michael C Boatright <ko4wx@mindspring.com>
- 31) [35286] 'nuther NC20 on the air, but did the band go to bed early?
by Michael C Boatright <ko4wx@mindspring.com>
- 32) [35287] Only KH7 with suffix beginning with K
by w4pj@w4bkx.ampr.org
- 33) [35288] Another SST Lives!!!
by Gary Slagel <gdslagel@yahoo.com>
- 34) [35289] Need manual for Yaesu FRG-7 Wadley loop rcvr.
by Jeff Furman <jfurman@ocs.net>
- 35) [35290] Spectrum Analyzer For Sale..
by jcs4us@cosmoaccess.net
- 36) [35291] FS SL6440's
by Dick Pascoe <Dick@kanga.demon.co.uk>
- 37) [35292] F/S
by K4NK@aol.com
- 38) [35293] dsp-cw
by ntan <ntan@crosslink.net>
- 39) [35294] Re: Can some please explain
by "Mike Yetsko" <myetsko@insydesw.com>
- 40) [35295] Ft Smith, AR Trip de K5F0
by Chuck Adams <adams@ticnet.com>
- 41) [35296] KH7R
by Alen Mitrovic <alenm@hermes.si>
- 42) [35297] RV and/or Camp Ground Antenna Question
by John R Kirby <n3aaz-qrp@juno.com>

- 43) [35298] Urban Legend - They're trying to do it to us again!!!!!!
by "Bryan Turner" <turnerw@email.uah.edu>
- 44) [35299] Re: They're trying to do it to us again!!!!!!
by "Mike Yetsko" <myetsko@insydesw.com>
- 45) [35300] RE: SD-20 fishing Pole Source?
by Sam Billingsley <SBillingsley@usaninc.com>
- 46) [35301] HI, DX - KH7R
by malman@world.std.com (joel malman)
- 47) [35302] Thanks for qslmaker .bmp tips
by Gary Slagel <gdslagel@yahoo.com>
- 48) [35303] Re: Is there anybody there? and Joe Gervais!
by Roger Hightower <n7kt@earthlink.net>
- 49) [35304] Re: LOOKING FOR E-MAIL ADDRESS FOR W6RCL
by "Bryan Turner" <turnerw@email.uah.edu>
- 50) [35305] Thinking about an Outpost tripod
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 51) [35306] FREE ARCI CONTEST LOGGING SOFTWARE
by Bruce Milne <bmilne@afcon.net>
- 52) [35307] Ten-Tec QRP Kits
by "Rich Clemens" <clemens@wvwc.edu>
- 53) [35308] RE: Another SST Lives!!!
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 54) [35309] Re: Invisible Antenna Try#1
by w4bws@juno.com
- 55) [35310] Re: Interference
by w4bws@juno.com
- 56) [35311] REPAIR JOB: NC-20, Part III not long, but worth it.
by "Paul R. Valko" <prvalko@oakland.edu>
- 57) [35312] Re: And now for the next insanity . . . slobber flux, alien invasions
& possu...
by Macstein@aol.com
- 58) [35313] Re: Interference
by Ron Stark <ku7y@dri.edu>
- 59) [35314] Suitable QRP Output Stage Transistors?
by wgabriel@dukeengineering.com
- 60) [35315] RE: QRP Awards
by Joe Gervais <vole@primenet.com>
- 61) [35316] Solar Storms, Damage and the Sunspot Cycle
by John Foote <w3gx@yahoo.com>
- 62) [35317] Ft. Smith Hamfest
by Clifton W Sikes <ab5uacw@juno.com>
- 63) [35318] Re: Heath Balun -Reply
by Bob Reynolds <breynold@sigg.com>
- 64) [35319] Re: RV and/or Camp Ground Antenna Question
by Jkn1olo@aol.com
- 65) [35320] NC-20
by Bradley L Mugleston <kb0rol@juno.com>
- 66) [35321] Re: REPAIR JOB: NC-20, Part III not long, but worth it.

- by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 67) [35322] NC20 AGC1/AGC2 test point for derived S meter
by Mike Boatright <ko4wx@mindspring.com>
- 68) [35323] Re: Invisible Antenna Try#1
by Ed Loranger <we6w@qsl.net>
- 69) [35324] dsp-cw
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
- 70) [35325] RE: Suitable QRP Output Stage Transistors?
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 71) [35326] where to get elmer 101
by "Nathan Gordon" <kf9li@msn.com>
- 72) [35327] Re: REPAIR JOB: NC-20, Part III not long, but worth it.
by "Paul R. Valko" <prvalko@oakland.edu>
- 73) [35328] Re: Ten-Tec QRP Kits
by Michael Melland <badger@vbe.com>
- 74) [35329] Ft. Smith Hamfest
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 75) [35330] Re: Ten-Tec QRP Kits
by "Bill Long" <wlong@wmddc.edu>
- 76) [35331] A mobile mount and CW on the road
by Chuck Adams <adams@ticnet.com>
- 77) [35332] AR QRP 40m Net Results
by Robsparks@aol.com
- 78) [35333] Peace Arch QRP Gathering -- Kit-Building Theme
by "Bruce Prior" <n7rr@hotmail.com>
- 79) [35334] Anyone have a dualband vhf/uhf mobile layin around
by Jeff Grudin <grudin@pacific.vdbs.com>
- 80) [35335] Help in Charging NiCD's
by Rex E Pickett <heatherex@juno.com>
- 81) [35336] Does anyone know how to contact Paul Levesque KB1MJ?
by Sam Billingsley <SBillingsley@usaninc.com>
- 82) [35337] Happy99 disinfect directions needed
by Niel Skousen <nskousen@scientech.com>
- 83) [35338] Re: Suitable QRP Output Stage Transistors?
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 84) [35339] Re: Invisible Antenna Try#1
by w4bws@juno.com
- 85) [35340] Alternative power
by Jim Glover <psykey@okcforum.org>
- 86) [35341] New DDS VFO in the works
by "Steven Weber" <kd1jv@moose.ncia.net>
- 87) [35342] QRP ARCI awards not received?
by Mike Czuhajewski <wa8mcq@erols.com>
- 88) [35343] Re QRP Quiz and ARRL
by Mike Czuhajewski <wa8mcq@erols.com>
-

Date: Thu, 11 Mar 1999 10:40:01 +1300
From: "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [35256] Can some please explain
Message-ID: <2A94A43A306ED2119A7C08002BE55A3707305B@KN_NTS4>
MIME-Version: 1.0
Content-Type: text/plain

Hi I am trying to rebuild a old AM transmitter of 5 watts so I suppose it is QRP
but it uses Hi level modulation I'm told, Can someone please explain it to me or point me to a site that explains it.
Thanks Ross ZL3DC

Date: Wed, 10 Mar 1999 15:40:18 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: MKBalvanz@aol.com, Qrp-1 Reflector <qrp-1@Lehigh.EDU>
Subject: [35257] Re: ARRL DX contest and QSLs
Message-ID: <36E6E6C2.23751A66@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

MKBalvanz@aol.com wrote:

> I had a great time working stations on 10 meter qrp this weekend during the
> contest. Came up with a score of 594, using less then 5 watts! What I'm
> wondering is: Would there be any chance that I could get QSLs from the people
> I worked? Right now I have zero DX contacts, so I'm not quite sure how to go
> about get a qsl from some of them. I have several contacts in Mexico, Belize,
> a bunch of little islands, the Galapagos Islands and one contact in Argentina.
> Would it be best to use the Buro for some? And which ones?

Yes you are likely to get cards in response to your card. If they dont receive yours, its doubtful you will see one, although some testers do qsl everyone via the bureau just to get it out of the way. If you worked some little fish in dx land, they may send you a card via the bureau as well if they need your card. For many of the euorpean countries, some South American, and Japanese stations you can probably qsl via the bureau. To receive cards via the bureau you will want to make sure that your local qsl bureau has envelopes on hand. Other wise your cards go in the trash.

Many of the loud stations that you probably worked were operating from islands in the caribbean or in south or central america. Many of these

stations probably were hams visiting these places for the week of the contest only, on a mini-dxpedition. To get these qsl cards you will need to check the dx bulletins, web pages, and ham mags for thir qsl info. For these guys you will probably need to send direct because they are not likely to have an envelope at the local qsl bureau.

If you have a small list of stations that you need qsl info for I will be willing to look if you give me the calls.

> BTW, can anyone point out where Kure Island is? I worked KH7R and NH7A during
> the contest and can't find it on my map. I'm guessing out past Hawaii, not
> sure how far though.

Both KH7R and NH7A are in Hawaii. FCC ran out of KH6 calls and that is why you now see the KH7's, etc. I think KH7R is near Honolulu. He is on in all the contests. I dont believe there is anyone on Kure now and probably wont be since they closed a weather station there and gave the property back to Hawaii which means it will be treated as Hawaii for purposes of DXCC.

To answer your question, Kure is in the Hawaiian island chain. I believe it is one of, if not the furthest west island in the chain. The only reason it was treasted as a separate country was it was managed by the military rather than the state of Hawaii.

73 de Dave, N0IT

Date: 10 Mar 99 16:49:47 -0500
From: John Dorson <jdorson@metrolink.net>
To: "BEVERLY" <BEVHEMPHIL@AOL.COM>, "BOB & PEGGY GELLERT"
<BOBGELLERT@SPRYNET.COM>, "BOB NICHOLSON" <BOB.NICHOLSON@FIRSTUNION.COM>, "BOBZ"
<RZwierl@AOL.COM>,
"CAL" <TECHNICAL@MANPOWERFL.COM>, "CHUCK & MARJORIE COLMAN"
<KINGS@metrolink.net>, "CHUCK & RUTHANN" <CSAM@GTE.NET>,
Subject: [35258] fw: They're trying to do it to us again!!!!!!
Message-ID: <19990310214934234.AAA265@post.metrolink.net>

> **----- Original Message follows...

>Subject: Long distance charges for local Internet access...

To all E-mailers,

The House has a bill set up for a vote ASAP on whether to charge

long distance charges for Internet access even if you dial-up locally.
This is something that affects each of us. Please read and forward:

Congress will be voting in less than two weeks. CNN stated that the Government would, in two weeks time, decide to allow or not allow a charge to your phone bill equal to a Long Distance call EACH time you access the Internet.

The address is <http://www.house.gov/writerep/>

If you choose, visit the address above and fill out the necessary form!

If EACH one of us, forwards this message on to others in a hurry, we may be able to prevent this injustice from happening!

PLEASE PASS THIS ON!!!

.
> ** Original Subject: They're trying to do it to us again!!!!!!!
> ** Original Sender: Lloyd S Shapiro <warrpd@juno.com>
> ** Original Date: Wed, 10 Mar 1999 07:23:05 -0500
> **-----

>

<http://fl.living.net/REALTOR/1055181>
John Dorson jdorson@metrolink.net
South Island Real Estate
Melbourne Beach, Florida
(407) 984-3135

Date: Wed, 10 Mar 1999 15:58:29 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: slombard@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35259] Re: SW-30, NW-30, or NC-30 which one is it???
Message-ID: <36E6EB05.2234F510@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Phreique wrote:

>
> Hey gang! A couple of years ago, I purchased a 30meter kit that was
> featured in a book entitled "QRP Power" Well, I build the kit, but
> never got it tuned and working. When I tried to find the manual for
> alignment details, I was out of luck. Here's the clincher.... I don't
> know what the name of the rig is anymore (but I do know it was for the
> 30m band), and I need to get a replacement manual. The guy
> that I purchased it from had an AOL address (no I don't have it anymore).
> I think the guy's call was nn1g??? I'm not sure.... anyone out there
> that can help?

Most likely it was the SWL-30. I believe QRP Power discussed a non-commercial version of the same radio. The rig has changed slightly as is now the SWL30+. NN1G is the owner. His website is located at the URL below:

<http://www.fix.net/~jparker/sml.html>

73 de Dave, N0IT

Date: Wed, 10 Mar 1999 14:23:41 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <prvalko@oakland.edu>
Cc: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [35260] Re: REPAIR JOB: NC-20, long but worth it.
Message-ID: <1a5301be6b44\$a9866d20\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Great!

I never would have guessed the problem was Q20. And I can't imagine how the AFA could possibly send a repetitive BEEP. Unless...unless...it is an undocumented feature! Yes, that's it. The Automatic Laid-a-Book-on-the-Key Warning Annunciator! The ALABOTKWA. Now, where'd I put my patent attorney's phone number??...

Good work, Paul.

72,
Mike K1MG

Date: Wed, 10 Mar 1999 15:49:17 -0500
From: W5TB <w5tb@SoftHome.net>
To: radman@best.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [35261] Re: Kure Island location....
Message-ID: <v04011708b30c8b27301c@[10.4.13.129]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mathew et al,

sorry, but both KH7R and NH7A are both in Hawaii. the FCC is using KH7 for Hawaii these days and no one has operated from Khure in a long time.

BTW -- to get qsl's for a resonable outlay you might try the w5fe dx qsl bureau

<http://www.qsl.net/wf5e/index.html>

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Wed, 10 Mar 1999 17:26:38 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [35262] Re: Kure Island location....
Message-ID: <4.1.19990310172359.01377050@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

KH7R and NH7A are Hawaii. The official prefix for Kure is KH7K, NH7K and AH7K.

Reference http://www.arrl.com/awards/dxcc/list_g.html#j2

73 Hank K8DD

>

>BTW, can anyone point out where Kure Island is? I worked
>KH7R and NH7A during
>the contest and can't find it on my map. I'm guessing out
>past Hawaii, not
>sure how far though.
>
>72!
>Matthew KC AYG

Date: Wed, 10 Mar 1999 14:34:13 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35263] Re: Kure Island location....
Message-ID: <1a8e01be6b46\$2226e650\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry to have to disappoint someone, but Ken KH7R and Al NH7A are both in Hawaii. The FCC has started issuing KH7 calls to Hawaii. They do generate some decent pileups in the contests because people mistakenly believe them to be on Kure I.

Mike K1MG

Date: Wed, 10 Mar 1999 18:11:49 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <applitech@mcg.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35264] Re: Interference
Message-ID: <00a101be6b4b\$63dd0160\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

From: Claton Cadmus <applitech@mcg.net>

>>in my house.
>>Don't let your wife.....
>
>You can stop right there, That's the biggest source of interference in my
>house!

Cla,

Have you found any sort of filter....

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Wed, 10 Mar 1999 23:01:39 -0000
From: "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [35265] Is there anybody there? and Joe Gervais!
Message-ID: <000001be6b4a\$e2117760\$6635883e@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

Can somebody let me know direct, and on the list, if I'm getting through to qrp-l please? We've been having some problems here with the ISP, Freemove, it's the first freebie in the UK to really take off, they've gone to just under 1M subscribers in five months since they started. The estimate was to reach that figure in 2.5 years! As you can imagine, their installer of modems is working a bit of overtime at present.

And then there was Joe Gervais, taking some of Nils' tablets if his last posting was anything to go by!

Never Mind Joe, I have reserved a place at the annual haggis hurling championships for you.

Regards

Mel, GM6JAG

Edinburgh Scotland UK
Home of the last HW9

British Caravanners Club Website up-dating daily

<http://www.bccscotland.freemove.co.uk>

Why not visit now, access to over 3500 pages worldwide

Date: Wed, 10 Mar 1999 23:15:24 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [35266] Re: Getting rid of switching noise
Message-ID: <36E6FD0C.2417@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 8BIT
Content-Transfer-Encoding: 8BIT

KB VCC wrote:

> >What about a diode. I noticed that this is done in certain circuits to
> >cause a coil to power down faster, but I thought that was only a DC
> >option, what do y'all think?
>
> Doubt that'll resolve your problem. Also, never heard of
> one being used to "cause the coil to power down faster",
> but have seen them used reverse-biased across the relay
> coil to take the discharge of the coil's reverse EMF spike
> (which occurs the instant the DC is no-longer applied).
> This diode application is used to protect a solid-state
> device that's driving the relay. If you put a diode across

The diode across the coil actually makes the relay power down slower, or
so I read somewhere.

73, Arjen
oh2zaz

--
Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Wed, 10 Mar 1999 15:27:48 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "W5TB" <w5tb@SoftHome.net>
Subject: [35267] Re: Kure Island location....
Message-ID: <199903102325.PAA25033@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Doc, Adam, Alan et al,

Thanks for the "heads up" on the big gun >>Hawaii<<
stations: KH7R & NH7A. I just check the UALR call sign
database and sure 'nuff! Well, at least Kure Island is
where I thought it was ;) ... although just an "SK" island
these dayz it sounds like! Too bad!

Sure had me fooled :-)

72 - Conrad - NN6CW

sorry, but both KH7R and NH7A are both in Hawaii. the FCC
is using KH7 for
Hawaii these days and no one has operated from Khure in a
long time.

73 T.E. 'Doc' Drake W5TB

Date: Wed, 10 Mar 1999 17:29:13 -0600
From: kkanalz@optelinc.com
To: applitech@mcg.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35268] Re: Interference
Message-ID: <86256730.008147DD.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Now ain't THAT the truth, Claton!

Karl K. - W8TIF
McKinney, Texas

applitech@mcg.net (Claton Cadmus) on 03/10/99 09:09:45 AM

Please respond to applitech@mcg.net

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: Interference

Brett Gazdzinski <Brett.Gazdzinski@mci.com> wrote:

>Hello all QRP lovers!
>I want to warn everyone about the biggest source of rf interference
>in my house.
>Don't let your wife.....

You can stop right there, That's the biggest source of interference in my house!

73 de Cla KA0GKC

Date: Wed, 10 Mar 1999 16:31:54 -0700 (MST)
From: The Phreique <slombard@primenet.com>
To: "Paul Helbert, Wv3j" <phelbert@rica.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [35269] Re: SW-30, NW-30, or NC-30 which one is it???
Message-ID: <Pine.BSI.3.96.990310163129.12472A-100000@usr08.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks guys. You've all been a bunch of help with this

73

-... -.- ---. - ---.
-Sterling W. Lombard (KB7JTZ)
<http://www.primenet.com/~slombard>

On Wed, 10 Mar 1999, Paul Helbert, Wv3j wrote:

> That'd be SW-30. Small Wonder. NN1G is Dave Benson. His
> e-mail address is: bensonjd@aol.com. He will surely help
> you.
>
> Paul, Wv3j
>

Date: Wed, 10 Mar 1999 23:40:01 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [35270] balun core as PA o/p transformer
Message-ID: <36E702D1.1792@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

Last year I bought a handful of assorted #43 type ferrite cores from Dan's. Different sizes of beads plus balun cores in three sizes. Maybe he still has these 'kits'. They were just a few dollars.

The balun cores make nice Zin:Zout=1:4 bifilar output transformers for a QRP PA. I used the largest one (14,5 x 13 x 7 mm). For those who haven't seen a balun core, it has two holes through the length of it. Looking at either end it looks like a pig's nose.

I used some of the stranded teflon wire that is offered on this list from time to time. It's too tough to twist, so I just threaded the two (bifilar) wires in tandem. Up one hole and back down the other is counted as one turn (in my arithmetic). Two of these bifilar turns are already enough for 80 m use at a load impedance of 50 Ohm and input (from collector) of 12,5 Ohm. The wire pretty much fills up the holes. Total impedance of the transformer windings (from end to end) was measured at about 750 Ohm at 3,5 MHz (Autek RF-1). It went up somewhat with frequency, but was back at 750 Ohm at 28 MHz. Less wire is less parasitic capacitance, I figured, and must be a good thing for a wide band PA.

I use one in my (modified) Sierra with the 2SC1947 PA for nominally 4 W output. It fits nicely where the original choke sat. Because the #22 stranded wire is rather thick, I made three extra holes next to the pads where the transformer is to be connected.

So if you have also bought Dan's 'kit' of ferrite beads (after all it was just a few dollars) and wonder what to do with all those large balun cores, this is my suggestion. The medium size (10 x 13 x 7 mm) will probably also be OK (check that impedance of 4 turns is at least 500 Ohm).

73, Arjen
OH2ZAZ
--
Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Wed, 10 Mar 1999 15:53:01 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35271] Hawaii & Kure Island call prefixes....
Message-ID: <199903102351.PAA00471@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

I checked the latest info at:
<http://www.fcc.gov/wtb/amateur/amatur.html>

As of 02/23/99, here's "chapter and verse" on call
prefixes in the vicinity of Hawaii and "local" islands:

Hawaii and Pacific Insular areas. The numeral 1 indicates
Baker or Howland Island; 2 indicates Guam; 3 indicates
Johnston Island; 4 indicates Midway Island; 5 indicates
Palmyra or Jarvis Island; 5 followed by suffix letter K
indicates Kingman Reef; 6 or 7 indicates Hawaii except
Kure Island; 7 followed by the letter K indicates Kure
Island; 8 indicates American Samoa; 9 indicates Wake,
Wilkes, or Peale Island; and indicates the Commonwealth of
Northern Mariana Islands.

Interesting :-)

72 - Conrad - NN6CW

Date: Wed, 10 Mar 1999 16:39:12 -0500
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [35272] And now for the next insanity . . . slobber flux, alien
invasions & possum squeesin's.
Message-ID: <19990310.163916.22958.0.nilsbull@juno.com>

Gang,

Or should that be fellow lunatics?

Anyway, today we had the last meeting of the graduate level poetry
seminar. After 10 weeks of wrestling with metaphor, I finally found some
info in a book that has taken me too long to read. But it made a nice
wrap up of the course work. Another cognition course that was hiding in
the liberal arts college.

Elsewhere in this grand extravaganza of radio metaphors, there is a big
discussion of water-soluble slobber. I've never had the chance to use
that stuff, having lived with Kester stuff for so long that I wouldn't
know what to do with anything else. But it seems that there's this big
"clean the board before you administer the power interrogations" camp. I
know that Dick & Kathy of S&S come as close to demanding this as any kit
builder can get.

Me? I have had enough experience with various xylene-style flux removers

to know that there are times when life can get way too frustrating. Nominally clean boards are nice. They look pretty. They play well. And, if they are really cleaned (and I ain't used any water soluble slobber) can be candidates for the Humiseal treatment.

Something about making the radio impervious to everything including animal feces (an old joke about buying boots) appeals to me. Sittin' on the beach not worried about the humidity or the sharks (both land and sea varieties) has a certain "Ramar of the Jungle" charm.

And in the middle of all this, I mentioned to a student co-worker the other day that I'd found a links page to all kinds of UFO stuff. He's from Mexico and we were talking about crazy gringos. I said that they even had some info about "chupacabras." He got a very serious look on his face and backed out of the conversation. Some people are really serious about this stuff. Whole cosmologies created out there about various colors of various non-terran (and some sub-terran) entities. Which reminds me of a poem.

At least he won't be given the treatment that the Djebilaq Imperium has for high crimes & misdemeanors:

"You will be eaten alive with a zesty sauce in the court of the Mother Conqueress!"

Sounds like the punishment for using water-soluble slobber. Which reminds me of a poem . . .

73

Nils

. . . countin' down to Dayton yet? Sure am at this end of the schema remapping project.

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 10 Mar 1999 19:05:39 EST
From: FrConrad@aol.com
To: qrp-1@lehigh.edu

Subject: [35273] LOOKING FOR E-MAIL ADDRESS FOR W6RCL
Message-ID: <a764ceeb.36e708d3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

With humble apologies to the 3,000 QRP-Lers who will have to delete this message.

I'm looking for the E-mail address of Alan Kaul, W6RCL.

Any help, please.

John+

(Remember the homily in this month's QST. "The Radio Amateur is Friendly" ;-).

Date: Wed, 10 Mar 1999 05:23:18 -0800
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-l@LeHigh.edu>
Subject: [35274] NC 20 cases shipped/info
Message-ID: <199903110019.QAA13183@fletch.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

They're off! In the hands of the USPS (scary, I know)...Wow, buncha inquires! Here's the info:

NC 20 Deluxe Cases are exact replacement of stock case
Black anodized
Labeling engraved with ball end mill - nice appearance, and they sure can't rub off!
Black screws
Price: \$29 + \$5 shipping, \$10 DX
Order from:
 San Luis Machine Co.
 200 Suburban Road #F2
 San Luis Obispo, CA
 93401

Please allow 1-6 weeks for delivery

TNX & 72 Doug Hauff KE6RIE

Date: Wed, 10 Mar 1999 16:18:37 -0800
From: Harvey Laidman <HarveyL@OutaDaLoop.com>
To: dave_epps@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35275] Re: Heath Balun
Message-ID: <36E70BDD.B42B244C@OutaDaLoop.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

That balun was a necessity when you made a folded dipole out of 300 Ohm twinlead! 300 Ohm Balanced to 52 Ohm Unbalanced.
(Used it to feed a 40 meter folded dipole in the attic of my Junior High School, 1956.)
...Harvey, W8DX

dave_epps@juno.com wrote:

> I picked up a Heath BP-1 balun (dinosaur 12x12x6")

--- HarveyL@outadaloop.com -- URL: [HTTP://outadaloop.com](http://outadaloop.com) ---
(Order your books, videos and CD's at the OutaDaLoop Amazon BookStore.)

Date: Wed, 10 Mar 1999 19:20:28 EST
From: K4NK@aol.com
To: qrp-1@lehigh.edu
Subject: [35276] F/S
Message-ID: <8a74ea23.36e70c4c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang ;

After gathering info on the TS-50 and giving this a long hard thought. I have decided to sell SOME of my QRP gear off. If interested please E-mail direct.

F/S Ten Tec argonaut 515 with matching power supply and CW audio filter.
Very nice shape...works great \$400 shipped
F/S Oak Hills OHR400 mint with internal keyer \$210 shipped
F/S A&A engineering unbuilt kit TAC-1 40 mtr with keyer option \$160
shipped
HAM KEYS made for hamradio center the ones with red ..one hand pump type and
one paddle both in fair but usable condx both shipped \$40 won't split
and I might sell my QRP plus plus in mint shape but don't know yet. I still
have over 15 rigs left so i'll be QRPing for a long time yet. HI

73 Les K4NK

Date: Wed, 10 Mar 1999 18:27:12 -0600
From: Glen Reid <k5fx@flash.net>
To: QRP-l <qrp-l@lehigh.edu>
Subject: [35277] QRP-l Survey-I am curious.
Message-ID: <36E70DE0.9783CC58@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

All this pro and con over the ARRL and it's policies has stirred my
curiosity.

I would like to assess the level of ARRL membership among the QRP
community. What better place to do that than among QRP-l subscribers?

I took some statistics courses many years ago and I make no pretense
that this voluntary survey of QRPers will produce accurate or reliable
results. I am just curious about the ARRL membership status of the
group.

If you are interested in helping satisfy my feeble but, "inquiring" mind
please respond to me via private email. PLEASE, NOT ON THE LIST (I
don't need that kind of trouble from my friend, Chuck.)

1. Address your response to: k5fx@flash.net
2. Just indicate with a "YES" or "NO" after an # in the message subject
line - if you are an ARRL member. Your subject line should read either
"#Yes" or "#No". That way, I won't even have to open your email, I can
just count the votes from the subject lines.
3. Please no additional comments, I won't take time to read them. If I

can't understand your reply from the subject line, I will be forced to ignore it and I don't want to leave anyone out.

4. Again...PLEASE DO NOT REPLY TO THE LIST...Private email only to k5fx@flash.net

I will count votes for 72 hours after this message to allow the digest readers to have a chance to participate.

I will post the results of the survey on the list as totals only. No individual responses will be revealed, unless you accidentally reply to the entire list. In that case, my mail filter will dump you to the TRASH and Chuck will be looking for you. ;^)

Rest assured, I have no ax to grind, nor am I collecting a SPAM list. I am just curious.

tnx es 73

gr

--

GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@flash.net

Date: Wed, 10 Mar 1999 18:08:21 PST
From: "Justin McAllister" <kd5ako@hotmail.com>
To: qrp-l@Lehigh.edu
Subject: [35278] Heathkit KEYER-Making it work with '40A?!?
Message-ID: <19990311020821.20020.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Hello all,

I have a Heathkit Model HD-1410 Iambic Keyer with the built in paddles. I would like to use this with my NorCal 40A, but it won't work as-is. This keyer puts out about .038Vdc on standby, and .718Vdc upon keydown.

Any ideas on how to make a circuit, etc, that will short to ground when I key the keyer. I'd like to make no mods to the keyer itself, b/c

it is in pristine condition, both physically and working.

Also, I'm just getting into designing and building, so Layman's terms are very good!

Justin McAllister, kd5ako
Weatherford, TX
QRp-L 1849
ARS 491
NorCal, ARRL, Tri-County ARC of North Texas, WHS ARC Pres.
<http://members.xoom.com/kd5ako/kd5akomain>
Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 10 Mar 1999 21:18:53 -0500
From: "George Heron" <gheron@nac.net>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [35279] Atlanticon talk preview #5: "PICpm, a PIC-based QRP Power Meter"
Message-ID: <02a401be6b65\$c128d460\$21327bd1@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Only 17 days remaining until the Atlanticon QRP Forum! Boy, what a lineup we have ... QRP luminaries from across the country will be speaking all day at the Holiday Inn Select in Timonium, MD.

Joe Everhart, N2CX is one of those giants in the QRP field and he's now finished the paper that he'll be presenting at Atlanticon: the "PIC Power Meter" ...

"The PICpm or 'PIC power meter' is a simple and inexpensive RF power meter with a self-contained dummy load and digital display. It uses commonly available components and a unique mechanical design. Its 50 ohm load is rated conservatively to handle QRP CW or SSB transmitters. CW or SSB transmitted power of up to 15 watts PEP is displayed by its easy-to-calibrate LED numeric display. A PIC microcontroller provides computing power and a built-in analog to digital converter. The PICpm is a joint design by N2CX and N2APB and will be soon offered as a kit by the NJ-QRP Club. The design and construction of this useful project will be presented."

N2CX has been a ham since somewhat after the spark days; however tubes were still king when he got his newly minted novice call, WV2MES. Homebrewing has always been a priority for Joe, from early antenna tuners, 6V6 crystal oscillator rigs, and 100 mW germanium rigs to IC's and PIC-controlled projects. Employed as an electrical engineer for a number of well-known firms, he enjoys his ham pursuits even more. Though active on the air in QRP contests, he is happiest on the workbench and sharing information through articles in QRP journals and on the Internet. He is an active member of NJ-QRP involved in the popular homebrew kits offered by that club.

The 110 hams already signed up to attend Atlanticon are really going to be in for a FUN QRP weekend: the technical presentations, a show 'n tell of equipment later that evening, an open house gathering of QRPers the evening before, and a tour of the Hubble Ground Station at the nearby Space Sciences Institute, led by NA5N. A full set of the technical papers (and more!) will be available for all attendees. What a time is being planned! And it's all FREE, through the sponsorship of the NJ-QRP Club.

To find out all about the Atlanticon QRP weekend being held on March 26/27, please see the NJ-QRP website at <http://www.njqrp.org/atlanticon/> or send an email to EMBOT@NJQRP.ORG with the message SEND ATLANTICON in the body of the email. The automatically returned file contains all the details (location, speakers, topics, other events, and a list of all the people attending the QRP Forum.)

72/73,
--George Heron, N2APB
n2apb@amsat.org in Sparta, NJ
for the NJ-QRP Club at <http://www.njqrp.org>

Date: Wed, 10 Mar 1999 19:39:23 -0700
From: Neil Klagge <w0yse@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [35280] DX-77 OWNERS, please.
Message-ID: <19990310.193925.-177603.0.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

To anyone who owns an Alinco DX-77 xcvr and uses the internal electronic keyer.

Does your interal keyer perform like other electronic keyers? Mine seems to send the dits a bit too fast for the dahs. It sounds like the dits are trying to do 23 wpm while the dahs are doing 20 wpm. It is a bit awkward after years on other keyers.

I am also interested in hearing from you so that we can share information in the future about our rigs as we learn how to use them better. Perhaps we can share modification info after our warrantees are kaput.

Thanks,

72 , Neil, w0yse (Y-guy #3), a QRP-L digest reader.
<><

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 10 Mar 1999 21:56:06 -0500
From: Bill Wetherill <n2wg@wilmington.net>
To: qrp-l@Lehigh.EDU
Subject: [35281] NC20 help
Message-ID: <1.5.4.32.19990311025606.00664324@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

NC20 is almost completed. Just finished Section 14 . Time is tough to find these days.

In 3 of the section tests, the voltages I read from my NC20 were not exactly as specified in the manual. Are these differences acceptable, or do I have a problem?

Section 4 (Regulator/Power Supply Components):

J4 read 13.8 volts. D1 cathode read 13.65 volts. Difference was 1.5 volts. Manual said you should get .3 volts.

Section 12: (Keyer Transmit Control)

+12VTX read .01 volts. Manual said 0 volts.

Section 14: (AGC)

"S" test pad - 5.5 volts. In tune mode .25 volts. Manual said 0 volts in tune mode.

Any help/suggestions would be appreciated.

72,

Bill - N2WG

"PURITY OF ESSENCE" --- QRP

Date: Thu, 11 Mar 1999 03:02:38 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <alan.kaul@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35282] Re: Kure Island location....
Message-ID: <00bc01be6b6b\$a01424e0\$c842b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You are right Alan, the stations I worked during the contest with NH7 calls, said they were on Maui.
de Steve, W8SFF

Date: Wed, 10 Mar 1999 22:49:51
From: radioham@erols.com
To: qrp-1@Lehigh.EDU
Subject: [35283] QRP Awards
Message-ID: <3.0.1.16.19990310224951.25272684@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Looks like there are still a few folks out there who are not aware of the QRP ARCI awards program. THIS IS A SHAMELESS PLUG FOR THAT PROGRAM, SO BE WARNED IN ADVANCE.

We offer several different types of awards for QRP operations. These

include the 1,000 mile per watt award (our most popular award), WAS, DXCC, WAC, QRP 25 (for working 25 members of ARCI while QRP) and QNI 25 (for checking into QRP nets). Details on obtaining these awards are available at www.qrparci.org. Our rules are simple, the procedures are streamlined and we trust you, as hams, to be telling us the truth when you say you are QRP. We don't want to see your QSL cards - a statement signed by two hams that they have seen them is OK with us.

When I took over this position in January, I was hit with a pile of requests and they kept flowing in for about a month. They were all filled weeks ago and my mailbox is empty (except for bills). Send me mail - send me your applications and I'll send you awards. If you have any questions about the awards or application procedures, please check the homepage and then send me an e-mail. I am happy to answer your questions, but even more happy to send you awards.

I operated QRP with my TT 509 in the DX contest this past weekend. Last year I was low power (100 watts) and had about 41K points. This time I yelled my lungs out, had a very low comeback rate, and ended up with about 1,300 points, but each one was a challenge at 2 watts SSB. The good thing is that everytime I worked Europe, I knew I was easily passing the 1,000 miles per watt mark. There must be many of you who did the same thing - need an award? - just apply.

72/73,

Steve, N4EUK
QRP ARCI Awards Manager

Date: Wed, 10 Mar 1999 21:55:05 -0600
From: Chuck Carpenter <w5usj@unicomp.net>
To: dave_epps@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [35284] Re: Heath Balun
Message-ID: <3.0.1.32.19990310215505.0068ea04@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dave,

Air core current baluns were more popular before the toroid wound baluns became popular. They are 4:1 transformers as you speculated. There is an example of this sort of balun on page 19.16 of the 1995 Handbook. Without a ferrous core, it takes lots of turns to get enough inductance to be broadband down to 75 meters. Back in the early days of TV there was a type of bifilar wound air core coil we used to make baluns. A pair of them

provided the 75 to 300 ohm impedance transformation. The slang name for the coils was grasshoppers as I recall. No mention about efficiency but you can check it with the techniques described by Frank Witt, AI1H, in his various articles.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Wed, 10 Mar 1999 22:57:22 -0500
From: Michael C Boatright <ko4wx@mindspring.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Cc: andy@gm0nwi.freemove.co.uk
Subject: [35285] re: Searchin'
Message-ID: <36E73F22.7EF5BC35@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Andy,

Try:

the DATAK corp. (AKA The DATAK Corporation)
65 71st Street
Guttenberg, N.J. 07093

Assuming they are still in business, they probably carry what you are looking for. I couldn't find a web page for them, but several companies on the web carry their etchant and maybe other products. Local supplier in Atlanta is Ack Radio...

72 de Mike, K04WX

--
Mike Boatright, K04WX
Amateur Radio Emergency Service,
District Emergency Coordinator to Georgia Emergency Management Agency

Date: Wed, 10 Mar 1999 23:10:27 -0500
From: Michael C Boatright <ko4wx@mindspring.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [35286] 'nuther NC20 on the air, but did the band go to bed early?

Message-ID: <36E74233.3329EF96@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got the NC20 finished and tuned up tonight, but did the band go to bed early or what tonight? Put the rig on the air at 0315UTC and a whole lot of nothing, except for a couple of nosebleed stations down in the lower 25. Nice signal from KC6T, but I suspect he may have been QRO and a CE8 fading in and out. Nothing on the big rig (FT890) into the G5RV either.

72 de Mike, K04WX

--

Mike Boatright, K04WX
Amateur Radio Emergency Service,
District Emergency Coordinator to Georgia Emergency Management Agency

Date: Wed, 10 Mar 1999 23:23:01 EST
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [35287] Only KH7 with suffix beginning with K
Message-ID: <55989@w4bkx.ampr.org>

Only KH7K callsigns are now Kure.
All other KH7 are Hawaii. i.e. NH7R AH7A WH7B
Now, if you work a KH7KXX THAT'S KURE!
(I remember there was an ARRL Bulletin a year or more past regarding the inclusion of KH7 as well as KP3 for Puerto Rico and AL callsigns for Alaska. AL0E KL1A WL5B etc. now Alaska.)

de Scott / W4PJ

Date: Wed, 10 Mar 1999 21:00:45 -0800 (PST)
From: Gary Slagel <gdslagel@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [35288] Another SST Lives!!!
Message-ID: <19990311050045.8702.rocketmail@send204.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The crowning moment of a long, frustrating, homebrewing career. After several projects ended up on the scrap heap when they couldn't be 'debugged' by the builder (me), tonight I finished up a Wilderness Radio SST40. Lo and behold it rcvd and xmitted first time I powered it up!!! Finished up the simple alignment and worked John/AC6TS and Jon/VE3EPJ within the first hour.

Had to let somebody know! Its a pretty sweet moment when that rcvr first come on, register the first output on the swr meter, and make that first qso.

Now on to the modifications..... need to do something to increase the tuning range, right now I've got 7.043-7.046.

See you on the air.

73, Gary/N0SXX

==

Gary Slagel
N0SXX
Conifer, CO 80433
gdslagel@yahoo.com

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 10 Mar 1999 22:23:08 -0800 (PST)
From: Jeff Furman <jfurman@ocs.net>
To: qrp-l@lehigh.edu
Subject: [35289] Need manual for Yaesu FRG-7 Wadley loop rcvr.
Message-ID: <Pine.LNX.4.04.9903102215480.7923-100000@ocs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm looking for a loan of a manual or a copy thereof. I'll gladly pay reasonable copy and mail cost, or maybe trade a copy of some manual I have. Correspond off list.

Thanks, 73, Jeff KD6MNP.
jfurman@ocs.net, jfurman@cisco.com

Date: Wed, 10 Mar 1999 22:31:40 -0800
From: jcs4us@cosmoaccess.net
To: qrp-1@lehigh.edu
Subject: [35290] Spectrum Analyzer For Sale..
Message-ID: <3.0.32.19990310223136.00a69d88@wingate>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For Sale Hewlett Packard 100Khz to 1.5GHz Spectrum Analyzer
Model HP-8558B Plug in and Model's 181T & 182T Main Frame's...
The plug in is a late version with digital display.. You can
look here at this URL to get a idea of what this is..:

<http://www.tucker.com/Catalogs/SrchRec/srec1430.asp>

But the one I have is the 50-ohm input version not the CATV
version.. They want \$2900.00 for just the plug in and no
main frame diplays. I want \$1500.00 for it with two diplays
you can have one at your shop and one at your home hobby room..
This also comes with all the manuals...

email: jcs4us@cosmoaccess.net

Date: Thu, 11 Mar 1999 10:41:18 +0000
From: Dick Pascoe <Dick@kanga.demon.co.uk>
To: qrp-1@lehigh.edu
Subject: [35291] FS SL6440's
Message-ID: <LolLcLA03552EwaD@kanga.demon.co.uk>
MIME-Version: 1.0

Hi Gang,

I have found a few more SL6440's I have 20 left.

Available to first come etc. @ \$10.00 each
(+s/h @ \$5.00 per order)

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Folkestone CT18 7EG U.K.
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Thu, 11 Mar 1999 06:31:52 EST
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [35292] F/S
Message-ID: <e79b5576.36e7a9a8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

For some reason my F/S post never made it to the list or it never made it back to me. A quick relist is.....F/S Ten Tec argonaut 515 with matching P/S and filter...\$400 shipped. Mint OHR400 with keyer \$210 shipped New in box A&A 40 meter TAC-1 kit with keyer.....\$160 shipped Email direct only

73 Les K4NK

Date: Thu, 11 Mar 1999 07:25:01 -0500
From: ntan <ntan@crosslink.net>
To: QRP-L <qrp-l@lehigh.EDU>
Subject: [35293] dsp-cw
Message-ID: <36E7B616.63A0E049@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello-

I found another Blaster program for cw and rtty called DSP-CW. It looks pretty good tho I'm still in the beginning stages with it as well as the other rtty programs I've found.

One of the several questions I have is this-

They usually tell you that the rx input can be plugged into the the mic input or the line input of your sound card. The mic input is not recommended becuz of distortion. I'm using the mic input. Dumb question....which is the line input of my sound card?
tnx es 72- Neil WA4CHQrp

Date: Thu, 11 Mar 1999 08:49:07 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <GRINDRR@chh.co.nz>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35294] Re: Can some please explain
Message-ID: <003e01be6bc5\$efa5c360\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Hi I am trying to rebuild a old AM transmitter of 5 watts so I suppose
>it is QRP
>but it uses Hi level modulation I'm told,Can someone please explain it
>to me or point me to a site that explains it.
>Thanks Ross ZL3DC

They are probably refering to the technique of putting a transformer in series with the power to the final. The transformer is fed with an audio signal, modulating the power that feeds to the RF final (and possible the driver too) output stage.

This means that with no audio, the voltage is 'constant' to the final and a nice smooth RF signal goes out. When audio is applied, the voltage follows audio and can go near 0v or close to twice the normal voltage.

This is how a LOT of AM CB sets were designed.

The only down side is you need fairly substantial audio power to drive the transformer. But then, that's relatively easy. That's why a lot of cheap CBs also had good audio power, and a PA function was usually nothing more than wiring in a switch.

Mike Yetsko
N1DVJ

Date: Thu, 11 Mar 99 10:42:12 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [35295] Ft Smith, AR Trip de K5FO
Message-ID: <E10L8XT-0005Aq-00@smtp.ticnet.com>

Gang,

As Doug and Jay have posted Saturday is the big day
in Ft Smith AR.

I'll be bringing the first NC2040 built by someone other
than Dave Fifield and Doug will have the case for it.
And I'll be bring some of the other rigs for show and
tell. Also a famous restored Brown Bros paddle
and some other paddles....

The guys and girls in AR are on the Internet and have
a presence with the weekly net, etc., but there is always
someone that hasn't seen such and such rig or new to
the game.

This outta be fun.

In preparation of a 7 hour drive one way on Friday and
then again on Sunday I am putting the Uniden 2510
in the Explorer. So after 1200UTC tomorrow listen
around 28.010MHz for K5FO/m on CW and someone
give me the 10M frequency common both to Tech+
and others that I can do on SSB (if I can find the mike) :-)

I'd guess same starting time on Sunday and let's hope the
A-index comes down and the SF stays up and the band is
open. Gonna get a lot of practice sending CQ otherwise
and I'm sure not going to lose the voice if the band is dead.
:-) Nice thing about CW.....

FYI es cu there

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Thu, 11 Mar 1999 14:55:14 +0100
From: Alen Mitrovic <alenm@hermes.si>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [35296] KH7R
Message-ID: <7519EA69A7D4D111916400A0C955EF6101044932@hal9000.hermes.si>
Mime-Version: 1.0
Content-Type: text/plain;
charset="windows-1250"

I have worked KH7R too, and thought that is Kure Is, but he is on Hawaii.
Just wanna to say that Ken - KH7R is really great OM!
I 've just go his letter with his card and also my "green stamp" back!

73 de Alen / S53MA

-----Original Message-----

From: W5TB [mailto:w5tb@SoftHome.net]
Sent: Wednesday, March 10, 1999 9:49 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Kure Island location....

Mathew et al,

sorry, but both KH7R and NH7A are both in Hawaii. the FCC is using KH7 for Hawaii these days and no one has operated from Khure in a long time.

BTW -- to get qsl's for a resonable outlay you might try the w5fe dx qsl bureau

<http://www.qsl.net/wf5e/index.html>

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Thu, 11 Mar 1999 09:32:35 -0500

From: John R Kirby <n3aaz-qrp@juno.com>
To: brewsq@excite.com, qrp-1@Lehigh.EDU
Subject: [35297] RV and/or Camp Ground Antenna Question
Message-ID: <19990311.093401.-17151.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Christopher and Group,

This is in response to the question "what is wrong with the MFJ-16010 Antenna Tuner"

From: "Christopher Brewster" <brewsq@excite.com>

Re: Feedlines: tn timer and another question

BUT... I would like to hear from the group...

...What is your favorite RV and/or camp ground antenna and why?...

Christopher,

There is nothing wrong with the MFJ-16010 at QRP levels, except that you will need a tuning indicator of some type.

The MFJ-16010 is also one of the best "almost all band" vertical tuners on the market. Install the MFJ-16010 at the "base" of the vertical, BUT reverse the ports, connect the vertical to the "TRANSMITTER" port and the coax from the shack to the "ANTENNA" port. The MFJ-259 or an equivalent SWR Analyzer makes tuning a snap, BUT ALWAYS use the full length of "coax from the shack" while adjusting the tuner.

A round Tupperware type container and some RTV will keep the weather out AND allow access for band change.

Yes, radials or a counterpoise is required.

The MFJ-16010 and the RS-102 inch whip makes an almost all band (40 to 2 meter) setup. That combo is the best RV - campground setup I have found to date. For a counterpoise, I use the RV ladder rack and RS-21-937B mounting bracket while stationary and for mobile the pickup load bed with a Lakeview three-point mag mount.

Please, tell me about your RV and/or camp ground antenna set-up.

tnx,
John
N3AAZ
FM19xa

.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 11 Mar 1999 08:24:40 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, jdorson@metrolink.net
Subject: [35298] Urban Legend - They're trying to do it to us again!!!!!!
Message-ID: <199903111424.IAA25778@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Urban Legends Strike Again!!!

<http://urbanlegends.miningco.com/library/blfcc.htm>
<http://www.kumite.com/myths/fas/fas-mtax.htm>
http://www.urbanlegends.com/classic/modem_tax.html
http://www.fcc.gov/Bureaus/Common_Carrier/Factsheets/ispfact.html

> Date: 10 Mar 99 16:49:47 -0500
> Reply-to: jdorson@metrolink.net
> From: John Dorson <jdorson@metrolink.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: fw: They're trying to do it to us again!!!!!!
> X-To: "BEVERLY" <BEVHEMPHIL@AOL.COM>, "BOB & PEGGY GELLERT"
<BOBGELLERT@SPRYNET.COM>, "BOB NICHOLSON" <BOB.NICHOLSON@FIRSTUNION.COM>, "BOBZ"
<RZwierl@AOL.COM>,
> "CAL" <TECHNICAL@MANPOWERFL.COM>, "CHUCK & MARJORIE COLMAN"
<KINGS@metrolink.net>, "CHUCK & RUTHANN" <CSAM@GTE.NET>,
>
>
> > **----- Original Message follows...
>
> >Subject: Long distance charges for local Internet access...
>
> To all E-mailers,
>
> The House has a bill set up for a vote ASAP on whether to charge
> long distance charges for Internet access even if you dial-up locally.
> This is something that affects each of us. Please read and forward:

>
> Congress will be voting in less than two weeks. CNN stated that
> the
> Government would, in two weeks time, decide to allow or not allow a
> charge
> to your phone bill equal to a Long Distance call EACH time you access the
> Internet.
>
> The address is <http://www.house.gov/writerep/>
>
> If you choose, visit the address above and fill out the necessary
> form!
>
> If EACH one of us, forwards this message on to others in a hurry,
> we may be able to prevent this injustice from happening!
>
> PLEASE PASS THIS ON!!!
> .
> > ** Original Subject: They're trying to do it to us again!!!!!!
> > ** Original Sender: Lloyd S Shapiro <warrpd@juno.com>
> > ** Original Date: Wed, 10 Mar 1999 07:23:05 -0500
> > **-----
>
> >
>
>
> <http://fl.living.net/REALTOR/1055181>
> John Dorson jdorson@metrolink.net
> South Island Real Estate
> Melbourne Beach, Florida
> (407) 984-3135
>
>
>
>

Date: Thu, 11 Mar 1999 08:52:59 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jdorson@metrolink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35299] Re: They're trying to do it to us again!!!!!!
Message-ID: <004501be6bc6\$7af31440\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Someone should look into this, but if it's the issue that was a panic a few weeks back, and made all the urban legend rounds, it is NOT the way it is presented here. The issue then was NOT long distance charges to consumers for internet access. It's internal accounting on what goes on at the ISPs and how they are taxed.

Yeah, it could mean slightly higher rates, but it might also mean lower. The FCC has decided that internet is interstate. I pay LESS for my long distance as soon as it crosses state lines than I do for intrastate long distance.

Mike Yetsko
N1DVJ

>
>> **----- Original Message follows...
>
>>Subject: Long distance charges for local Internet access...
>
> To all E-mailers,
>
> The House has a bill set up for a vote ASAP on whether to
>charge
>long distance charges for Internet access even if you dial-up locally.
>This is something that affects each of us. Please read and forward:
>
> Congress will be voting in less than two weeks. CNN stated that
>the
>Government would, in two weeks time, decide to allow or not allow a
>charge
>to your phone bill equal to a Long Distance call EACH time you access
>the
>Internet.
>
> The address is <http://www.house.gov/writerep/>
>
> If you choose, visit the address above and fill out the
>necessary
>form!
>
> If EACH one of us, forwards this message on to others in a
>hurry,
>we may be able to prevent this injustice from happening!

>
> PLEASE PASS THIS ON!!!
>.
>> ** Original Subject: They're trying to do it to us again!!!!!!!
>> ** Original Sender: Lloyd S Shapiro <warrpd@juno.com>
>> ** Original Date: Wed, 10 Mar 1999 07:23:05 -0500
>> **-----
>
>>
>
>
>http://fl.living.net/REALTOR/1055181
>John Dorson jdorson@metrolink.net
>South Island Real Estate
>Melbourne Beach, Florida
>(407) 984-3135
>
>
>

Date: Thu, 11 Mar 1999 10:06:58 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [35300] RE: SD-20 fishing Pole Source?
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3718F2E@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

I got mine at a Bass Pro Shop Warehouse here in Atlanta. It's just a BIG sporting goods type store with all sportman's activities. I'm sure there are many mail order companies that have this.

I checked the internet and found the local store number then got an 800 number 1-800-BASS-PRO

I had them look up the catalogue numbers

20 ft Black Widow Carpie Pole \$20.88 cat. # 12-105-116-00

16.5Ft " " " \$16.88 cat # 12-105-114-00

You can do phone order with credit card.

Check out my use of it on my web page. Parking Lot Portable Vertical (PLPV).

Sam Billingsley AE4GX Atlanta (Buckhead), GA
<http://mindspring.com/~ae4gx/>

>>>snip>>>

Is there a on-line source of these 20' collapsable poles?

>>>snip>>>

Date: Thu, 11 Mar 1999 10:11:39 -0500 (EST)
From: malman@world.std.com (joel malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [35301] HI, DX - KH7R
Message-ID: <199903111511.AA04846@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

Just a note re working Ken, KH7R, qrp ----

I have worked Ken (Ken Hoppe, KH7R) many times from here in New England. I would love to see his antenna system in a feature of QST someday!

Anyway, Ken is "A QRP FRIEND" if ever there was one. I have worked and/or heard him calling "WzXXX QRP ONLY, QRP ONLY" many times. I think that Ken was my first QRP contact in the Pacific.

If you worked Ken last weekend (DX Phone Contest) and need a QRP SSB qsl, my last QSL from Ken lists his address as: PO Box 31241, Honolulu, Hawaii, USA 96820

--
/joel K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Thu, 11 Mar 1999 06:44:04 -0800 (PST)

From: Gary Slagel <gdslagel@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [35302] Thanks for qslmaker .bmp tips
Message-ID: <19990311144404.14535.rocketmail@send203.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks to all for the advice on how to get a little better quality photos for my qslmaker backgrounds. Ended up buying a cheap (\$70 less a \$20 rebate - \$50) scanner and am really pleased with the results.

73, Gary

==
Gary Slagel
N0SXX
Conifer, CO 80433
gdslagel@yahoo.com

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 11 Mar 1999 07:38:54 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: MelGM6JAG@bccscotland.freemove.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [35303] Re: Is there anybody there? and Joe Gervais!
Message-ID: <36E7730E.B6F3F05E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Due to the differences in English English and American English, which "hurling" are you referring to?

>From what I've heard of haggis, it could be either one, :-)

--
72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Thu, 11 Mar 1999 08:48:52 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, FrConrad@aol.com
Subject: [35304] Re: LOOKING FOR E-MAIL ADDRESS FOR W6RCL
Message-ID: <199903111449.IAA24593@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

http://www.buck.com/cgi-bin/do_hamcall

<http://www.qrz.com/directory.cgi>

> With humble apologies to the 3,000 QRP-Lers who will have to delete this
> message.
>
> I'm looking for the E-mail address of Alan Kaul, W6RCL.
>
> Any help, please.
>
> John+
>
> (Remember the homily in this month's QST. "The Radio Amateur is Friendly"
> ;-).
>
>

Date: Thu, 11 Mar 1999 10:06:55 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35305] Thinking about an Outpost tripod
Message-ID: <199903111507.PAA152072@out2.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, everyone,
Hi, everyone,

I was going to have a friend help me put up another wire antenna since mine came down in our last little windstorm, and the it occurred to me that I could, instead, put my Outbacker on one of their Outpost tripods, and this

this would work from the apartment for now, and might also be useful long term for portable ops. I'm only definitely in this apartment until May, so I hate to put in a lot of effort on it, and would rather create something useful longer term. Any comments? Anyone using the Outbacker this way?

Does anyone have an Outpost tripod they'd like to sell?

Thanks and 73,
Caity
KU4QD

Caitlyn M. Martin
<http://www.caitys-world.com>

cait.martin@ibm.net

"A world community can only exist with world communication, which means something more than extensive shortwave facilities scattered about the globe. It means common understanding, a common tradition, common ideas, and common ideals."

- Robert M. Hutchins

Date: Thu, 11 Mar 1999 10:22:59 -0500
From: Bruce Milne <bmilne@afcon.net>
To: qrp-1@Lehigh.EDU
Subject: [35306] FREE ARCI CONTEST LOGGING SOFTWARE
Message-ID: <3.0.6.32.19990311102259.007a31d0@afcon.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

March 11, 1999

A new and completely revised version of WB2QAP's Logger program has just been released for download to the QRP community. It uses Elecraft's K2 as a graphic interface. (You do not have to own a K2 to use this program, although after looking at the picture of it on your screen, you may lust after one in your heart).

The program keeps track of your ARCI contest logging entries, enters the time and date automatically, checks for dupes, and prints out log sheets in ARCI contest format, as well as the ARCI summary sheet (a new feature). Extensive use of drop down menus offers help in Canadian and US SPC

abbreviations, RST system, etc. Although the program is written specifically for ARCI contests, the scoring mechanism should also work with Michigan QRP club contests, since they use the same scoring system.

The program uses the K2 switches to control program functions. Because of the complexity of the rig, an 800 x 600 screen resolution must be used. The program is written in Visual Basic 5, for Windows 95/98 users.

More details will appear in the April, 1999 issue of the ARCI Quarterly magazine. The program is FREE, may be freely distributed, and may be downloaded at the following sites:

New Jersey QRP Club website
http://www.njqrp.org/k2_logger/k2_logge.html

Bob Patten's (N4BP) website
<http://wg104a.wh.uni-stuttgart.de/~n4bp/>

If you have any questions about this software, you may contact me at the following e-mail address until April 26th.

bmilne@afcon.net

73 Bruce, WB2QAP

Date: Thu, 11 Mar 1999 10:34:03 -0500
From: "Rich Clemens" <clemens@wwwc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35307] Ten-Tec QRP Kits
Message-ID: <003401be6bd4\$97a27dc0\$d401010a@clemens.wwwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Any comments concerning the Ten-Tec QRP kits?

--

Richard Clemens
Associate Professor
Computer Science Department
West Virginia Wesleyan College
Buckhannon, West Virginia 26201
clemens@wwwc.edu

304.473.8421

Date: Thu, 11 Mar 1999 09:42:07 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <gdslagel@yahoo.com>, <qrp-l@lehigh.edu>
Subject: [35308] RE: Another SST Lives!!!
Message-ID: <000201be6bd5\$b8c24ca0\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Congratulations, Gary! I went through a several-week long ordeal with my SST30, but now I know that thing forward and backward... Have fun with your SST40 - it's a great little rig...

73,
Nathan
KB0NNV

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Gary Slagel
Sent: Wednesday, March 10, 1999 11:01 PM
To: Low Power Amateur Radio Discussion
Subject: Another SST Lives!!!

The crowning moment of a long, frustrating, homebrewing career. After several projects ended up on the scrap heap when they couldn't be 'debugged' by the builder (me), tonight I finished up a Wilderness Radio SST40. Lo and behold it rcvd and xmitted first time I powered it up!!! Finished up the simple alignment and worked John/AC6TS and Jon/VE3EPJ within the first hour. Had to let somebody know! Its a pretty sweet moment when that rcvr first come on, register the first output on the swr meter, and make that first qso.

Now on to the modifications..... need to do something to increase the

tuning range, right now I've got 7.043-7.046.

See you on the air.

73, Gary/N0SXX

==

Gary Slagel
N0SXX
Conifer, CO 80433
gdslagel@yahoo.com

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 11 Mar 1999 08:34:32 -0800
From: w4bws@juno.com
To: we6w@qsl.net
Cc: w4bws@juno.com, qrp-1@Lehigh.EDU
Subject: [35309] Re: Invisible Antenna Try#1
Message-ID: <19990311.104126.-146559.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed, I have some info on a "slot type" antenna that uses a copper pipe run horizontal to the trailer top and works like a vertical, it is similar to the DRV type used on navel ships. I will try to find it and send it to you if you are interested. That will be a pretty low visible antenna.

When I was in college we were not allowed to have rigs or antennas in the dorm. You know how it is, DONT TELL A TEEN AGER NOT TO DO ANYTHING!!!!. So I had my rig behind a board that fit on my book shelf with the end splines of a lot of old books glued to the board so it

looked like I had a shelf full of books. Behind the "books" was my homebrew 50 watt tx and receiver with 8 tubes(well it was 1958), an antenna tuner for the no. 28 end fed wire that went out the window to a

tree about 90 feet away, ear phones, a j37 key and mike. I maintained daily contacts with the OHIO fone net and CW net passing traffic for the students and others and working DX by the loads on 40 and 20 meters. The school conducted "suprise" inspections fopr athe year I was in the dorm and never found my "stash".
What a blast.

Don W4BWS
OBTW I need your new address.

On Tue, 09 Mar 1999 21:46:46 +0000 Ed Loranger <we6w@qsl.net> writes:

>Bravo! Bravo, Don. Hee!

>

>But the mobile home 'Mom' says no to ANY radio. So I will be
>sneaking around with the antenna, AND operating.

>

>So this is a project that will be invisible both
>inside and outside of the mobile home.

>

>0000H!!! Here's a good one, you turn a crank and this wall
>section about the size of a breatbox, rotates 180 degrees
>and the rig and all is attached. This little table locks in
>place and the sliding contacts on the side connect up to the
>stealth antenna and power up the rig.

>

>Well :) :)

>It seems this way.

>

>72/Ed

>--

>-Ed AR QRP Millennium QSO's=510/2000

>72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA

>QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Thu, 11 Mar 1999 10:10:32 -0800
From: w4bws@juno.com
To: applitech@mcg.net
Cc: qrp-l@Lehigh.EDU
Subject: [35310] Re: Interference
Message-ID: <19990311.104126.-146559.1.w4bws@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>On Wed, 10 Mar 1999 09:09:45 -0600 applitech@mcg.net (Claton Cadmus)
writes:
everyone about the biggest source of rf interference in my house.
>>
>>Don't let your wife.....
>
>You can stop right there, That's the biggest source of interference in
>my
>house!
>
>73 de Cla KA0GKC
>
>
>
Yes , but that noise can be silenced or greatly reduced, it just takes
lots of stroking, money, and "yes dear"s.

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Thu, 11 Mar 1999 10:47:38 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [35311] REPAIR JOB: NC-20, Part III not long, but worth it.
Message-ID: <Pine.OSF.3.95.990311103326.15797D-100000@saturn.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First, THANK YOU to the dozens of QRP-L'ers that offered to send me a
2N03906 transistor - you guys are all great.

Second, I went to Radio Shack last night to see if they has a suitable
replacement. I took along my copy of Paul's QRP Data Handbook. This book
is an absolute MUST HAVE if you are a qrp op who likes to toss solder
around or if you are remotely curious as to how a radio really operates.

RS sells a pack of "2N3906 compatable" transistors for a couple bucks. I don't know if they are floor sweepings or not, but I was concerned about the TR speed of these unknown transistors. I bought the pack and picked out a transistor - it checked out fine on my DVM so I put it in the NC-20 and now I have a SEMI-working rig. That is, it receives and transmits.

Here is the latest problem...

The "beep beep beep" that I originally heard in the headphones is STILL THERE when I transmit. I looked at the OUTPUT (pin 6 and 7) of the AFA and I see a clock pulse as well as a super-imposed long-length pulse which I will guess is the beep beep beep I hear on TX. I'll work on this tonight - still may have a bad AFA chip.

ALSO...

The rig AGC works, but on TX, there is a terrible POP in the headphones...

AND...

The AGC recovery time is about five seconds.

Your thoughts are always appreciated.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 11 Mar 1999 11:02:21 EST
From: Macstein@aol.com
To: nilsbull@juno.com
Cc: qrp-1@lehigh.edu
Subject: [35312] Re: And now for the next insanity . . . slobber flux, alien invasions & possu...
Message-ID: <3b0c1aa2.36e7e90d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-03-11 09:42:18 EST, you write:

[snip]

> He got a very serious look on his
> face and backed out of the conversation. Some people are really serious
> about this stuff. Whole cosmologies created out there about various
> colors of various non-terran (and some sub-terran) entities. Which
> reminds me of a poem.

[snip again]

Ahhhhhhh, I feel better. You've been missed Nils.

-MAC-
KF4KSM

Date: Thu, 11 Mar 1999 08:13:45 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: "John J. McDonough" <jjmcd@tm.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35313] Re: Interference
Message-ID: <Pine.SOL.3.96.990311081008.6199E-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> >>in my house.
> >>Don't let your wife.....
> >

> >You can stop right there, That's the biggest source of interference in my
> >house!
>

> Have you found any sort of filter....

Yes!

They are made from Diamonds and come in several versions...
Any leakage can be removed with a Cruise Ship....

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 11 Mar 1999 11:20:47 -0500
From: wgabriel@dukeengineering.com
To: qrp-1@Lehigh.EDU
Subject: [35314] Suitable QRP Output Stage Transistors?
Message-ID: <85256731.0059C17F.00@dpinet01.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Has anyone ever put together any listing of common transistors that are available on the surplus market that make good driver and output stage amplifiers for QRP rigs? I was thinking it might be nice to know what transistors are commonly used in the output stage of CB transmitters or other similar transmitters, as these would make good HF amps and be picked up relatively cheaply.

An example might be the 2SC1947.

Wondering if this may be a help to others for designs, replacements, etc. Might be good for a hamfest "what to look for" list.

Watson/WB4EXW

Date: Thu, 11 Mar 1999 09:52:19 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [35315] RE: QRP Awards
Message-ID: <199903111652.JAA29790@usr01.primenet.com>

Steve (N4EUK), ARCI Awards Critter, wrote:

>
> Send me mail - send me your applications and I'll send you awards.
> If you have any questions about the awards or application procedures,
> please check the homepage and then send me an e-mail. I am happy to
> answer your questions, but even more happy to send you awards.

Steve, the very moment I manage to work RI 2xQRP and

get the QSL in my hands, I will FedEx my application
for whatever counts for 2-Way QRP WAS. :-)

'Course at this rate, I'll have QRP DXCC confirmed long
before I ever hear "QTH is RI, pwr is 5W". ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Weaseling out of things is important to learn. It's what separates us
from the animals! Except the weasel." -- Homer Simpson

Date: Thu, 11 Mar 1999 08:55:38 -0800 (PST)
From: John Foote <w3gx@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [35316] Solar Storms, Damage and the Sunspot Cycle
Message-ID: <19990311165538.5805.rocketmail@send105.yahoo.com>
MIME-Version: 1.0
Content-Type: text/html; charset=us-ascii

There was a great article in the Washington Post yesterday about how solar storms
occur, their relationship to the sunspot cycle and how they damage
telecommunications.

might be of interest to QRP'ers interested in propagation variables.

The article is located at <http://www.washingtonpost.com/wp-srv/WPlate/1999-03/10/1961-031099-idx.html>

73 de W3GX
John Foote

72 es 73 de W3GX
John Foote
Ashburn, Virginia near Wash. Dulles Int'l. Airport
<hr size=1>DO YOU YAHOO!?!
Get your free @yahoo.com address at Yahoo! Mail.

Date: Thu, 11 Mar 1999 10:56:25 -0600
From: Clifton W Sikes <ab5uacw@juno.com>

To: qrp-1@Lehigh.EDU
Subject: [35317] Ft. Smith Hamfest
Message-ID: <19990311.105626.6646.0.ab5uacw@juno.com>

I will be bringing some membership applications for QRP ARCI, if you need to join or renew. I also have 10 of the little white "72" pins, left over from OKC last Summer. Look forward to seeing everyone.

Clif

Clifton Sikes AB5UA QRP-L #478
Earlsboro, Ok.
ab5uacw@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 11 Mar 1999 11:33:28 -0600
From: Bob Reynolds <breynold@sigg.com>
To: qrp-1@Lehigh.EDU, w5usj@unicomp.net
Subject: [35318] Re: Heath Balun -Reply
Message-ID: <99Mar11.112900cst.27030@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>>>They are 4:1 transformers
>>>as you speculated.

Better check the coils, the Heath could also
be set up for 1:1. Mine was 1:1 for 75 ohm
co-ax to 72 ohm twinline to a dipole.

73, Red K5VOL

Date: Thu, 11 Mar 1999 12:56:33 EST
From: Jkn1olo@aol.com
To: n3aaz-qrp@juno.com, qrp-1@lehigh.edu

Subject: [35319] Re: RV and/or Camp Ground Antenna Question
Message-ID: <e1cb2bf1.36e803d1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 3/11/99 12:42:35 PM Eastern Standard Time, n3aaz-qrp@juno.com writes:

<< This is in response to the question "what is wrong with the MFJ-16010 Antenna Tuner"
From: "Christopher Brewster" <brewsq@excite.com>
Re: Feedlines: tn timer and another question

BUT... I would like to hear from the group...

...What is your favorite RV and/or camp ground antenna and why?...
>>

Here is my shameless plug for an antenna. Go to The ARS Web Magazine the Sojourner. Check out the "N10LO Painter Pole Special"

http://www.natworld.com/ars/pages/back_issues/0399_text/0399_one.html

I've used it QRO and QRP with excellent results.

John
N10LO

Date: Thu, 11 Mar 1999 13:10:13 EST
From: Bradley L Mugleston <kb0rol@juno.com>
To: qrp-l@lehigh.edu
Cc: brad.mugleston@gwl.com
Subject: [35320] NC-20
Message-ID: <19990311.103841.7743.1.kb0rol@juno.com>

I'm sitting at home working on my NC-20 so if you reply please answer to both home and work (I'll be there between about 2 pm local today to 3 am tomorrow and the same for Friday - it's a LONG story about women, wild unexplainable fantasies, loud parties and stuff the people on this list don't care about).

Anyway, I believe my NC-20 Works - working on a 20M antenna, but that's not my problem right now. Got to the step of setting the transmit

frequency offset using TC7 and have a problem. First it appears there is a problem with the instructions (says dit to turn it off but the TiCK instructions say DAH which seems to work better). Anyway after I DAH I don't really have a side tone more like a radio hiss. It doesn't change much when playing with TC7.

So anyone have any idea what I did wrong?

Thanks

de KI00T, Brad

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 11 Mar 1999 10:10:11 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [35321] Re: REPAIR JOB: NC-20, Part III not long, but worth it.
Message-ID: <1c3801be6bea\$6d2c4650\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>The "beep beep beep" that I originally heard in the headphones is
STILL
>THERE when I transmit. I looked at the OUTPUT (pin 6 and 7) of the
AFA
>and I see a clock pulse as well as a super-imposed long-length pulse
which
>I will guess is the beep beep beep I hear on TX. I'll work on this
>tonight - still may have a bad AFA chip.

Pins 6 and 7 are not the same output. Pin 7 is the audio output.
Pins 5 and 6 are part of the RF frequency input/gating circuit.

If pins 6 and 7 have the same waveform, something is shorted.

Mike K1MG

Date: Thu, 11 Mar 1999 13:02:03 -0500
From: Mike Boatright <ko4wx@mindspring.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [35322] NC20 AGC1/AGC2 test point for derived S meter
Message-ID: <36E8051B.622A351F@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there an AGC1/AGC2 test point that can be used for a derived S meter in the NC20? I'm thinking of using a W1FB/W7Z0I design. I could use the audio derived S meter from W1FB (FAR circuits board) via the "RTTY" audio point. Anyone have any other suggestions?

72 de Mike, K04WX

--
Mike Boatright, K04WX (ko4wx@mindspring.com, 770-434-4528h
770-835-6699w)
District Emergency Coordinator to the Georgia Emergency Management
Agency
American Radio Relay League/Amateur Radio Emergency Service

Date: Thu, 11 Mar 1999 18:54:59 +0000
From: Ed Loranger <we6w@qsl.net>
To: w4bws@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [35323] Re: Invisible Antenna Try#1
Message-ID: <36E81183.38ED@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow Don! What a great little history. I loved reading this.

Yes, I am very interested in this slot-like antenna. At pacificon 1997 I attended the Antenna conference and one of the presentations was a lively introduction to the

simplicity and very moldable slot structure antennas.

My new address is:

Ed Loranger
166 Apple Lane
Santa Rosa, CA 95407

Thanks hombre.

-Ed "72"

--

-Ed AR QRP Millennium QSO's=510/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Thu, 11 Mar 1999 13:55:08 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-l@lehigh.edu
Subject: [35324] dsp-cw
Message-ID: <Pine.SOL.3.92.990311134935.22364A-100000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Neil WA4CHQ asked about line-vs-mike inputs on sound cards...

Many sound cards have separate mike and line inputs,
with different input levels on the two. Other sound
cards have one input, with a jumper to select what
kind of input you want. You'll have to look at yours
to decide which is which.

For example, my PC has a SoundBlaster 16 clone card in it,
with separate line and mike inputs (they're labelled)
My ADSP-2181 board, on the other hand, has jumpers to set
the input level.

You pays your money and you takes your sampling rate...

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
- Hospital/Shafte

Date: Thu, 11 Mar 1999 13:04:32 -0600

From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <wgabriel@dukeengineering.com>, <qrp-1@lehigh.edu>
Subject: [35325] RE: Suitable QRP Output Stage Transistors?
Message-ID: <000001be6bf2\$00679a80\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Amen. I've been playing around with my SST on 30m, putting just about every transistor I find into it and checking the power output ;) It'd be nice to find a more verbose listing than the one in the ARRL Handbook.

Nathan

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
wgabriel@dukeengineering.com
Sent: Thursday, March 11, 1999 10:21 AM
To: Low Power Amateur Radio Discussion
Subject: Suitable QRP Output Stage Transistors?

Has anyone ever put together any listing of common transistors that are available on the surplus market that make good driver and output stage amplifiers for QRP rigs? I was thinking it might be nice to know what transistors are commonly used in the output stage of CB transmitters or other similar transmitters, as these would make good HF amps and be picked up relatively cheaply.

An example might be the 2SC1947.

Wondering if this may be a help to others for designs, replacements, etc.
Might
be good for a hamfest "what to look for" list.

Watson/WB4EXW

Date: Thu, 11 Mar 1999 13:10:42 -0600
From: "Nathan Gordon" <kf9li@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35326] where to get elmer 101
Message-ID: <010e01be6bf2\$dff9cba0\$0401a8c0@nathan>

Hi

Where can I get a copy of the elmer 101 that covers the SW40?

Thanks

73,

Nathan, KF9LI

Date: Thu, 11 Mar 1999 14:12:55 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35327] Re: REPAIR JOB: NC-20, Part III not long, but worth it.
Message-ID: <Pine.OSF.3.95.990311141205.8873A-100000@saturn.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 11 Mar 1999, Michael A. Gipe wrote:

> Pins 6 and 7 are not the same output. Pin 7 is the audio output.
> Pins 5 and 6 are part of the RF frequency input/gating circuit.
>
> If pins 6 and 7 have the same waveform, something is shorted.

I posted from work, I didn't have the schematic with me and took an (incorrect) guess!

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 10 Mar 1999 13:32:50 -0600
From: Michael Melland <badger@vbe.com>

To: qrp-1@lehigh.edu
Cc: clemens@wvwc.edu
Subject: [35328] Re: Ten-Tec QRP Kits
Message-ID: <36E6C8E1.346C@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I built a Ten-Tec 1340 kit about three months ago and really enjoyed it. Mine has a very good receiver and puts out a hair less than 5 watts. I made two modifications to it. First I changed the power input from a RCA jack to a coaxial connection..... much safer around gel cells. Next I added a 10K 10 turn precision pot for the VFO tuning. This is not necessary as it worked FB without it.... It works great, looks nice, has a nice clean transmitted signal, no chirp, and a very nice receiver. IMHO it consisted of an excellent pc board and very good components. The manual was well written and it is not what I'd call a "difficult" kit. Practice your soldering skills and take your time building it and there should be no problems.

73 de Mike Melland, W9WIS
qrp-1 #1656

Date: Thu, 11 Mar 1999 11:50:48 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [35329] Ft. Smith Hamfest
Message-ID: <01be6bf8\$765388c0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am getting excited. 2 more classes to teach, run home and pack and then off to San Jose to spend the night. Jay Bromley has me booked on a 6:30 AM Flight, but that is not a problem. I'll go over and get a motel room and stop by a couple of surplus places.

Chuck and I will be the QRP program on Saturday at the Ft. Smith hamfest. Hope to see all of you guys in the area. I will have the NC20 with me, and Chuck is bringing the first NC20 that has been converted to 40 meters. Doug Hauff is FedExing me the case, and it should arrive today. We'll have a "Red Hot 40" prototype for all of you to drool over. Chuck built the 40 meter version of the NC20 for us and I get to reclaim it Sat.

My part of the program will be on construction, NorCal QRP Club and the NC20 project, and an overview of QRP for everyone. We have 3 hours so we will each give 20 minute presentations, 5 minutes for questions, and then take a 10 minute break, then back at it. Chuck is going to talk about Spice and a couple of other subjects which he had not decided on the last time we talked. But, I guarantee you it will be fun.

And the prizes!!!!!! There is a NorCal 20 kit, 3 Small Wonder's Labs Elmer 101 40+ kits (with the Elmer 101 book) and Paul Harden has donated 3 Handbook for Homebrewers. That makes 7 great prizes and the odds have got to be great to win. Plus, Jay told me on the phone this week that he may have even more give a ways.

But the question really is: Will Jay Bromley finish the K2????

Hey, see you in Ft. Smith. 72, Doug, hoping to meet Jennifer, Jane Doe #5 and Monica.

Date: Thu, 11 Mar 1999 19:38:20 +0000
From: "Bill Long" <wlong@wmddc.edu>
To: clemens@wvwc.edu, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [35330] Re: Ten-Tec QRP Kits
Message-ID: <199903111938.0AA26713@ns1.wmddc.edu>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Sure!

I put together a Ten-Tec 1340 early in January. It was my first QRP kit.

The Ten-Tec manual and support have lived up to their legendary status. Both were top-notch. The manual was very clear. I needed the support because there was a thump in the audio on key-up. They had a fix for that. Also, in my inexperience I damaged a PIN diode. They shipped me a new one free of charge.

The PC board is of fine quality, plated through and with clear markings.

The rig is a solid performer. Three watts out, and silky smooth QSK. I have a growing collection of domestic and DX qso's with it. (1700 miles per watt so far. Not bad for a guy who had never had a QRP qso before January)

The RIT is good, just the thing for the FOX hunts. (I was disappointed to discover QRP fox hunts only a week before the end of hunting season).

There is a temperature-induced drift in the VFO. It'll drift downward a couple of hundred Hz in a 15-minute QSO, as the final transistor heats up. The heat sink for it is entirely inside the case, which isn't ventilated. The drift hasn't bothered me at all, I simply adjust the VFO once in a while to keep the other station's signal the same pitch. I did fool around in the case, blowing compressed air on parts. I found that a shot on the VFO toroid makes a real difference! If anyone reads this who has an excellent suggestion for canceling the drift, I'd like to hear it.

My main rig is a TS-450. I find myself firing up the Ten-Tec instead. I haven't tried any of the other kits this group is using, so I've nothing to compare this kit to, but you can count me as a happy camper.

73, Bill NY3M

>From: "Rich Clemens" <clemens@wvwc.edu>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Ten-Tec QRP Kits
>Date: Thu, Mar 11, 1999, 15:34
>

>Any comments concerning the Ten-Tec QRP kits?
>--
>Richard Clemens
>Associate Professor
>Computer Science Department
>West Virginia Wesleyan College
>Buckhannon, West Virginia 26201
>clemens@wvwc.edu
>304.473.8421
>
>
>

Date: Thu, 11 Mar 99 14:53:55 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [35331] A mobile mount and CW on the road
Message-ID: <E10LCT6-0006Nf-00@smtp.ticnet.com>

Gang,

In less than one hour I fixed the mobile mount.
Went to home depot. Got the following:

2" PVC pipe one foot long (they can cut 10' pieces
and sell you what you want by the foot)

Straight connector/collar for joining two pieces of the above.

The Ford Explorer center console has two cup/can/bottle
holders in front of the arm rest. One is 2.25 and the
other is about 2.75" in diameter. So the pipe fits the
smaller and the pipe with collar/connector fits the
other.

Using 7" wide board to make a level surface matched to the
arm rest with the two PVC pieces in the cup holders underneath
for use with paddle and a sloping board to support
the radio you have a setup ready for the road in
nothing flat.

Just cut the PVC to length (measure twice and cut once
as Doug H. and the carpenters say) and attach to the
level portion and then attach the sloping section also
measured and cut to desired length.

If you need a picture for this, then you need to sit down
and work out the logistics. :-) It's not too difficult.

Thanks to my friend Preston Douglas, WJ2V, who
found out a few years ago that I was glue gun deprived
and on his own decided to remedy the situation. One
of the nicest gifts I have ever received. Thanks Preston.

Cost of project just under \$6 USofA. And 30 mins drive
and 30 or so minutes to get the work done.

The simple things in life are the most joy.

Now let's not start a thread of additional work to solve
all the safety issues. Been there done that. Work in
Progress thank you very much..... ;-) I can do mobile
CW and I know about kinetic energy and Newton and I
go a long way back....

Oh, someone posted a while back a challenge from
Harry Lewis, W7JWJ, with an opportunity for anyone
to make some money. OK, I'll take the challenge.

I'll start email and see if we can do it at Pacificon and that'll spit the distance. I'll donate the money to an organization yet to be determined. I've done 78.5 and 80 is just a matter of time spent working on it. I also have the goal to be #1 at RUFZ. I think I'm only #2 or somewhere up there. I haven't looked or worked on it in months since the laptop battery died with my fox log in it. The thing cost me \$200 and they want \$136 for a new battery. No thanks I'll take it apart and fix it when I get the time. :-)

I got mail and email from Harry one time about another \$1,000 deal he has if you can copy 1 minute correct at 13wpm or 20wpm (forget which, they're all slow :-)) all the punctuation and we are talking ALL. Left/Right parens, colons, semi-colons, brackets, etc.... :-) I'll get the rules if anyone wants to try that one at Pacificon.....and if the offer is still open.

So, I have been busy the past week meeting a couple of deadlines for George Heron for QQ and Atlanticon, so after Atlanticon I will have much more time. So noone schedule me for any presentations at anything until after Pacificon. Please.

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Thu, 11 Mar 1999 14:46:49 EST
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [35332] AR QRP 40m Net Results
Message-ID: <65bc3880.36e81da9@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The AR-QRP Net last night had 9 QNIs amid fair to good band conditions. This was the first time that the new club call NQ5RP was used for the 40m net. The call sounds fine on the air! The net is gradually coming together and we are getting many repeat QNIs as well as some new QNIs nearly every week. This is great! The reason we have the net is to have fun, and get a little experience at checking into a net without any pressure of protocol. One of the new ops to call in last night was Ron KV7Y, and is our first call from 7 land. With Ron's check in we now have QNIs from all continental US call areas. If you are working on WAS QRP this would be a good place to listen for stations to contact after the net.

Here are the stations that checked in:

AE4IC	Bob
W2XN	Fred
WQ8RP	QSB missed name and then lost him! SRI
W3FAF	John
KB9BVN	QSB - SRI!
NF0R	Dave
K1QM	Joel
KV7Y	Ron
W8IZZ	Don

The NCS was Bob AB5ZD, QTH Alexandria LA, running 5 watts to a G5RV up in the pecan trees. Orientation of the ant wire is NNW to SSE. Following is a list of Arkansas QRP Club nets:

Monday Night	0130Z	3.560 mhz	N9ZZ
Bob AR #1 is NCS			
Wednesday Night	0130Z	7.042 mhz AB5ZD	Bob AR #277 is NCS

Non-members are welcome (and encouraged) to QNI!

72,

Bob AB5ZD

Date: Thu, 11 Mar 1999 12:05:45 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [35333] Peace Arch QRP Gathering -- Kit-Building Theme
Message-ID: <19990311200550.26278.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Hi Gang

The sky was completely clear last Saturday in Blaine, WA for the Peace Arch QRP Gathering, sponsored jointly by the QRP Club of British Columbia and the Northwest QRP Club.

It was a noisy crowd that gathered. Lot of people brought their latest home-brew gear. Kit-building was the big theme of the day. People were chatting about the NC-20 and the announcement by Fire Ball Radio to produce commercial kit versions for 20 and 40 meters. We had one Alaskan, two Bavarians, three Californians, 15 Washingtonians, and 24 British Columbians.

THE QRP CLUB OF BRITISH COLUMBIA

The QRP Club of BC has been active for a number of years. About once every two months its members get together either in the Lower Mainland or on Vancouver Island. Its regular on-the-air meetings take place at the conclusion of the nightly BC Public Service Net on 3729 kHz on SSB, which is outside of the U.S. phone allocation, although at 1930 and 2130 Pacific Time the group moves up to 3764 kHz and higher, depending on QRM, in the US Extra Class phone band. By no means all QRPers in Washington and Oregon have Extra Class licences, however. This segregation by frequency has minimized cross-fertilization between BC and NW clubs. The gathering in Blaine was their first joint meeting ever, even though both clubs have been operating for a number of years.

BC contributions to the QRP art have been considerable. There was the "Neomite," which was developed by Joe, VE7TX, and Bruce, VE7ZM, produced his "California Board." Although the majority at the Peace Arch QRP Gathering were British Columbians, many active QRPers, including Joe and Bruce, were unfortunately unable to join us this time. The "Epiphyte" SSB transceiver series developed by Derry Spittle, VE7QK, has made a significant impact on the QRP inside and outside of Canada. That s why Derry was asked to speak at the Gathering.

THE NORTHWEST QRP CLUB

For a number of years Bill Todd, N7MFB, has served as the NW QRP Club President as well as net control of its Monday and Saturday 80-m nets, and editor of its electronic newsletter. Membership in the club extends well beyond the Pacific Northwest. Its regular in-person meetings are approximately once a month at Andy s Diner in Seattle. This is a schedule of its regular nets:

Mondays 1800 Pacific Time 10.122-10.123 MHz, W7DF0, Brian, net control
Mondays 1830 Pacific Time 3710 kHz, N7MFB, Bill, net control
Wednesdays 1830 Pacific Time 3910 kHz, K7SY, Stan, net control
Saturdays 0730 Pacific Time 3710 kHz, N7MFB, Bill, net control

ARRL

Having attended his first ARRL Board meeting, Northwestern Division Vice Director Jim Fenstermaker, K9JF, spoke about work underway to acquire for amateur use some spectrum above 5 MHz, plus a chunk in the LF range. A new committee has been formed to examine the implications of new electronic technologies for the amateur service. Lobbying has been launched in Congress for a renewed effort to legislatively protect existing frequencies for the amateur and amateur satellite services. Has your Member of Congress co-sponsored this bi-partisan legislation yet? Very importantly, the ARRL is examining better ways to market amateur radio and recruit many more young people into the hobby.

EMTECH

At the end of the restaurant session, several people were seen walking out with some new Emtech goodies, some won as door-prizes, and some bought from Scott Gregson, KC7MAS, and his son Roy. You might want to visit the Emtech website at <http://emtech@steadynet.com>. Here's a list of their products, with prices including shipping and handling. (Washington State residents should add 8.1% sales tax.)

ladder grabbers \$7.75

any of the NW Series QRP Monoband transceiver kits: \$130

NW transceiver cabinet only: \$35

transceiver board kit only: \$80

These superhet CW transceivers with RIT and adjustable crystal filters cover the following frequency ranges:

NW80: 3.5-3.75 MHz NW40: 7.0-7.2 MHz NW30: 10.1-10.135 MHz

NW20: 14.0-14.07 MHz

AF-1 audio filter kit \$22.50

ZM-2 antenna tuner unit \$50.00 (New molded covers will be available for the ZM-2 in a couple of months.)

Emtech mailing address: 1127 Poindexter Ave. W., Bremerton, WA 98312

ELECRAFT

Other people were practicing flowery speeches to XYLs about how a brand-new Elecraft K2 kit would enhance their family life!

Eric Swartz, WA6HHQ, brought his K2 along, and gave the group a fine introduction to it. Vern Wright, W6MMA, one of the K2 beta testers, also brought his to Blaine, but he didn't transmit with it. He's waiting for the SSB option. Lots of details about the K2 are available at <http://www.elecrcraft.com>. Here are some things people may not know about it:

-- The optional internal linear amplifier cannot be installed simultaneously with the optional battery and optional QRP automatic antenna tuner, but those QRO/QRP features can be swapped at will. So, the same basic K2 which could run, say, 50 to 100 W (the QRO specs haven't been announced yet) in the home shack or on the road can be

quickly converted, without the weight and bulk of the QRO amplifier heat-sink, into a self-contained backpack rig!

-- Among the many programmable features of the K2 is its scanning capability. It will scan between frequency A and B on any amateur MF/HF band until it finds a modulated signal like SSB or CW, but it will pay no attention to static crashes or steady carriers.

-- CW fans who don't want the SSB option in their K2 can put in two extra crystal filters with their own choice of shape and width characteristics. Even those who choose the SSB option can put in one extra filter for use with CW. SSB ops can use that extra filter capability for a second SSB width. Come to think of it, people who want to use the K2 for AFSK digital operation could optimize the extra filter for that purpose. These fixed filters are in addition to the programmable crystal filters which are already designed into the basic K2.

-- Yes, the K2 was named for the highest point in the Karakoram Range and the second highest mountain in the world.

-- The K2 is a navel-gazer. For initial alignment and on-going maintenance the K2 takes care of its own diagnostics. You can monitor your keyer speed, input voltage and current as well as your output power. Inside a well-equipped shack, internal diagnostics are not particularly necessary, but up on a Rocky Mountain ridge, they could come in really handy.

-- The Elecraft folks have measured the K2 receiver parameters according to ARRL laboratory procedures. They claim numbers for which only such high-end transceivers as the Yaesu FT-1000 and Ten-Tec OMNI VI Plus are serious competitors. An important characteristic is its high immunity to adjacent channel and nearby RF interference. This should be great for contesting and make it a pleasant rig to use in downtown Tokyo or Sao Paulo or London or at a multi-transmitter Field Day site.

Here are some prices, excluding shipping costs, for the K2 and options:

K2 HF transceiver (CW) \$549

SSB option \$79

160 m / 2nd receive antenna circuit \$29

noise blanker \$29

internal QRP auto tuner \$125

internal 2.9 Ah PS-1229 sealed gel-cell battery with bracket kit \$79

battery bracket kit only \$39

Californians need to add a special 7.25% contribution to the Great State, whose governor apparently has slightly less expensive tastes than

the one in Washington.

Elecraft mailing address: 434 Vista Del Mar Drive, Aptos, CA 95003

EPIPHYTE 3

The Epiphyte 80-m SSB Transceiver has been the most conspicuously successful Canadian QRP contribution in recent years. Derry Spittle, VE7QK, of North Vancouver gave us a brief history of the 'Epiphyte,' which has introduced many hams to the pleasure of building their own SSB transceivers. This rig inspired a lot of the dramatic surge in SSB transceiver kits being offered shortly after the design first appeared in SPRAT and QRPP.

The original objective of the project was to produce a simple, inexpensive and reliable transceiver running on AA batteries or a small gell-cell and light enough to backpack which would enable voice communication with the daily BC Public Service Net on 3729 kHz. Fifty Epiphyte kits were assembled by Rod, VE7ESA, (who was at the meeting) but countless others were made from scratch by hams worldwide.

A demand for increased band coverage and output resulted in the EP-2 which included a 5-W amplifier and VFO without increasing the size of the PCB. NorCal and the G-QRP Club assembled and donated fifty EP-2 kits to amateurs in Third World countries. In North America PCBs for the EP-2 are commercially available from Far Circuits.

Derry concluded with a preview of the EP-3 which will be made available as a kit by NorCal in the near future, and he brought along the prototype. The circuit is very similar to the EP-2, but it embodies a number of features suggested by constructors over the past couple of years:

- * The lowpass filter in the output is now included on the board. To ensure that the RF output is well isolated from the first mixer, the PCB has been extended in width by one inch.

- * To eliminate much of the 'harnessing' which is not only aesthetically displeasing but prone to RF pick-up, the BNC connector, power switch, RF attenuator and power input connector have been mounted on the board.

- * All polystyrene capacitors have been replaced with NPO/CGO ceramics.

- * A number of changes have been made in the interest of spectral purity following lab tests by the 'scientific gentlemen down south' and both RF and DC filtering have been improved.

The EP-3 will continue to provide hams with a simple economical introduction to the joys of QRP voice communication on the 80-m band.

SALTWATER PROPAGATION

After the session in the restaurant, many of us went over to Blaine Marine Park. Vern, W6MMA, set up his nifty, very portable Saint Louis Vertical and chatted away with his Cascade rig. Then Eric, WA6HHQ, used the same antenna to spit out some CW from the K2. The sun was still shining and the tide was out, so hundreds of gulls were feasting on clams while a bald eagle supervised the operation from the Canadian shore. I was the only one who brought binoculars and cold weather gear. The wind was stiff and cool, so the outside QRP fest didn't last too long.

THE BAND OF THE WELSH GUARDS

That evening some of us went to Blaine High School to hear the Band of the Welsh Guards. It's a London-based ceremonial military band which plays regularly at Buckingham Palace for the changing of the guard and for investiture and visiting heads of state ceremonies. They're now "camped out" indoors at Fort Lewis, Washington while their regiment undergoes joint training exercises with their American counterparts. We heard Mozart, Rimsky-Korsakov, Glen Miller, the Beatles, and Strauss. This excellent band played only one march, and that was for an encore.

PARTICIPANTS

We didn't take the opportunity to have people introduce themselves to the whole group. To partly make up for that, here's a list of people who attended:

DL2MBY Margot Vetter, Zellerstr. 14A, Duhpolding 83324, Germany
DL3MBY Kurt Vetter, Zellerstr. 14A, Duhpolding 83324, Germany
K7RXV Roger Steyaert, Covington, WA k7rxv@email.msn.com
K7SY Stan Yarema, Seattle, WA bg783@scn.org
K7UQH Kemp Righter, 2802 Lynn St., Bellingham, WA 98225
KA7YOU Rod Johnson, Issaquah, WA ka7you@juno.com
KC7MAS Scott Gregson, Bremerton, WA emtech@steadynet.com
KD7CEL Margaret Prior, Blaine, WA mwheatp@gte.net
K9JF Jim Fenstermaker, Vancouver, WA k9jf@arrl.org
N7IVR Dan Winkler, Seattle, WA n7ivr@juno.com
N7MFB Bill Todd, Bay Center, WA bill@willapabay.org
N7OZN Steven Sewald, Port Orchard, WA steves12@ix.netcom.com
N7RR Bruce Prior, Blaine, WA n7rr@hotmail.com
N7TAU Monte Midkiff, Lopez, WA n7tau@arrl.net
NU7E Walter Micono, 2501 Queen St., Bellingham, WA 98226
VE7AS Gary Skett, Surrey, BC gws@swartt.com
VE7BC Tom Wong, Burnaby, BC bigcookie@home.com
VE7BCJ James Robert Leary, 37-1640 - 162nd St., Surrey, BC V4A 6Y9
VE7BDC Ronald Clancy, Burnaby, BC armys@home.com
VE7BGJ Walter Hendrickson, 7175 East Broadway, Burnaby, BC V5A 1R7,

packet: ve7bgj@ve7nsr

VE7CFF Larry Conrad Ryan, 5833 Grove Avenue, Delta, BC V4K 2B3
VE7CGE Lou Beaubein, 4813 Fairlawn Drive, Burnaby, BC V5C 3R7
VE7CON Harold Victor Medway, 12891 - 106th Ave., Surrey, BC V3T 2B9
VE7CQK Paul Erikson, Vancouver, BC paule@sfu.ca
VE7CZY Jeff White, 1165 Lawson Ave., West Vancouver, BC V7T 2E4
VE7CVC Bob Carlisle, 4275 West 15th Avenue, Vancouver, BC V6R 3A7
VE7DSN Frank Gibbons, Coombs, BC frankg@macn.bc.ca
VE7ESA Rod Luck, Box 1500, Nanaimo, BC
VE7FUK Jerry Sturge, Vancouver, BC jerry@ols.to
VE7HHH Blair Garfield Thompson, 339 Fairway Drive, North Vancouver, BC
V7G 1LA
VE7HRA Rand Lutman, 5586 - 44 Ave., Delta, BC V4K 1E1
VE7IRS Brad Britton, Port Moody, BC britton@axion.net
VE7JBF John Fedoruk, Delta, BC jbfedoruk@hotmail.com
VE7JMS James Longley, Surrey, BC ve7jms@rac.ca
VE7PCC Dave Barrett, Delta, BC dbarrett@creo.com
VE7QK Derry Spittle, North Vancouver, BC jds@vcn.bc.ca
VE7SGS Gordon Sanders, 889 Mulholland Drive, Parksville, BC V9P 1Z5
VE7SOD Greg Soderling, North Vancouver, BC gsoderli@glenayre.com
VE7UG Al Godin 9014 - 123A Street, Surrey, BC
W6MMA Vern Wright Placerville, CA w6mma@jps.net
WA6GER Jim Cates, Sacramento, CA wager@juno.com
WA6HHQ Eric Swartz, Aptos, CA erics@elecraft.com
W7KJ John Reddie, 15247 Dayton N., Seattle, WA 98133-6110
WL7CES Timothy Leghorn, 17109 Monte Road, Eagle River, AK 99573
Roy Gregson, grandson of , SK, emtech@steadynet.com
Earl and Justin Watkins, ewatkins@creo.bc.ca 5751 Yew Street,
Vancouver, BC V6M 3Y5, (604) 263-8439

Thanks to Eric Swartz, who made a point of sitting and talking with prospective hams, Earl and Justin Watkins. Could anybody in the Lower Mainland please take on the pleasant task of helping steer them into the wonderful world of amateur radio?

NEXT YEAR

Will there be another Peace Arch QRP Gathering next year? Possibly. Blaine's neighboring city, White Rock, BC, might be a good venue.

72, Bruce Prior N7RR / VE7HR n7rr@hotmail.com

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 11 Mar 1999 13:07:12 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@lehigh.edu>

Subject: [35334] Anyone have a dualband vhf/uhf mobile layin around
Message-ID: <36E83080.C9DACD6E@vdbbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My packet rig blew (the one I use for QRP DX Cluster). I am looking for a replacement. Nothing fancy but I would like dual band so I can get on with my local friends.

So if you have one please let me know.

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Thu, 11 Mar 1999 14:50:23 -0600
From: Rex E Pickett <heatherex@juno.com>
To: qrp-l@lehigh.EDU
Subject: [35335] Help in Charging NiCD's
Message-ID: <19990311.145030.-925073.0.heatherex@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a AC/DC wall wart charger that puts out 3vdc @ 500ma that is not providing power. Placing a Ohmmeter across the primary indicates an open circuit. The charger is used to charge two NiCd 2.4volt,1.4 A/h batteries.

Per 1999 ARRL Handbook, page 11.22, NiCD's should be charged at $0.1 \times C$, where C=rated full charge of battery in amp-hrs. So $0.1 \times 1.4 = 0.14a \times 1000 = 140ma$. Since $500ma > 140ma$ Is this a fast rate charger?

I'm thinking of two options:

1. I have another AC/DC charger that puts out 3.7vdc@340ma. Can this be used to charge the above NiCds without damaging them?
2. Tech America has an unregulated AC/DC transformer(wall wart) with an output of 3vdc@500ma (#900-2730,p.189). Would this be a more acceptable substitute? Is there a difference between a 'charger' and a 'transformer'? Does the charger contain internal circuitry to prevent over-charging, if this is a fast rate charger? The

case does not indicate 'fast rate' anywhere.

Thanks in advance for the help folks.

72/73, Rex, KA7NQK, Bellevue NE

Date: Thu, 11 Mar 1999 16:20:22 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [35336] Does anyone know how to contact Paul Levesque KB1MJ?
Message-ID: <21E06269B00ED111BE9B00805F6D0FA371E7DF@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

I'm still reading the qrp-1 CD archives. Up to 6/28/93 and ran across this tidbit. I would like to have one of these kits. Anyone still have an unused kit lying around? Or even the schematic and parts parts list?

Sam Billingsley AE4GX Atlanta, GA

Notice the list message below is from June 28 1993 !!!!!!!

>>>>snip>>>>

>From qrp-request@Think.COM Mon Jun 28 17:58:56 1993
From: mvjff@mvubr.att.com
Date: 28 Jun 93 21:39:00 GMT
Subject: Re: FD

Harry,

The HW-9 xtal filter modification kit includes the filter and an amplifier transistor, and all other parts and directions needed to install it, for \$26.

The Kenwood filter may be better, but I think this filter is adequate and less expensive. I would not want the tuning to be any sharper. Even now, SSB signals are not copyable because of the narrow bandwidth.

Paul Levesque, KB1MJ is the kit supplier.
He also includes directions for a simple anti-thump mod.
These mods appeared in the QQ.

I will send this to the gang just in case anyone else
wants to do it.
>>>>>snip>>>>>

Date: Thu, 11 Mar 1999 14:31:02 -0700
From: Niel Skousen <nskousen@scientechnology.com>
To: qrp-l@lehigh.edu
Subject: [35337] Happy99 disinfect directions needed
Message-ID: <4.1.19990311142923.009c2910@if.scientechnology.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all, sri for non-QRP bw, but we just went through this *8-0

a friend got bit by Happy99. My McAfee keeps me pretty clean, but I forgot
the self-clean instructions for Happy99. Can someone post those to me
direct please

TNX
Niel

----- - --... - -----
Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG, NUSI WA7SSA
208.525.3742, 524.9229 FAX 529.4721 Idaho Falls ID
nskousen@scientechnology.com DN33wm . . . -z

Date: Thu, 11 Mar 1999 22:03:42 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: wgabriel@dukeengineering.com
Cc: QRP-L <QRP-L@lehigh.edu>
Subject: [35338] Re: Suitable QRP Output Stage Transistors?
Message-ID: <36E83DBE.3567@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

wgabriel@dukeengineering.com wrote:

> Has anyone ever put together any listing of common transistors that are
> available on the surplus market that make good driver and output stage
> amplifiers for QRP rigs? I was thinking it might be nice to know what
> transistors are commonly used in the output stage of CB transmitters or other
> similar transmitters, as these would make good HF amps and be picked up
> relatively cheaply.
>
> An example might be the 2SC1947.

Watson and gang,

In my modified Sierra PA I use the 2SC1947 instead of the MRF237,
because the 2SC1947 has the normal EBC pin-out of a TO-39 case and the
emitter connected to the case. (also in my GM-10, btw) The 2SC1947 is a
drop-in replacement for the 2N3553, 2SC799 etc., which the MRF-237
isn't. Otherwise they are said to be equivalent. The 2SC1947 indeed has
more gain at 13,8 V than the 2SC799 in my experience, but I have no data
for HF frequencies.

A Japanese data sheet (Mitsubishi) says it's a RF power transistor for
VHF band mobile radios: High gain, over 10,7 dB at 175 MHz, Vcc=13,5V
and Po=3,5 W. At HF it has to be HOT!

I bought some 2SC1947's in Holland and they weren't exactly cheap, a
little over 8 US\$ a piece.

Do you know a source where to get these devices at a better price? Not
that I've blown any ...

My Diamond SX-400 SWR meter read 7 W output from a 2SC1947 on 80 m while
experimenting with my Sierra, but I don't normally run it at that level.
I have a healthy heatsink on it, and it seems to be quite sturdy, like
the 2N3553 when I used that on 2 m in an earlier life.

73, Arjen

OH2ZAZ

--

Arjen Raateland

SAS Support

Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Thu, 11 Mar 1999 16:56:44 -0800

From: w4bws@juno.com
To: we6w@qsl.net
Cc: w4bws@juno.com, qrp-1@Lehigh.EDU
Subject: [35339] Re: Invisible Antenna Try#1
Message-ID: <19990311.171220.-133795.4.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK ED, I will get it copied and ship it forthwith and hopefully
you can take advantage of it. I haven't had a big van or a trailer
to try one.

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

On Thu, 11 Mar 1999 18:54:59 +0000 Ed Loranger <we6w@qsl.net> writes:
>Wow Don! What a great little history. I loved reading this.

>
>Yes, I am very interested in this slot-like antenna. At
>pacificon 1997 I attended the Antenna conference and one
>of the presentations was a lively introduction to the
>simplicity and very moldable slot structure antennas.

>
>My new address is:
>Ed Loranger
>166 Apple Lane
>Santa Rosa, CA 95407

>
>Thanks hombre.
>-Ed "72"

>--
>-Ed AR QRP Millennium QSO's=510/2000
>72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
>QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006
>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Thu, 11 Mar 1999 16:18:48 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@lehigh.edu
Cc: okcham@okcforum.org
Subject: [35340] Alternative power
Message-ID: <199903112218.QAA08536@okcforum.org>
Content-Type: text

I guess I'll never learn. By now I should have picked up on the fact that when I make these huge, long posts looking for input on some idea I have churning around in my head, responses are either non-existent, or at best, thin. A short, succinct post with a single, clearly identifiable question gets many more responses, and sometimes (though not nearly often enough to be counted on) even sparks just the kind of multi-participant brainstorming that I'm hoping for, here. Like I said, though, I'll never learn. I'm going to proceed to do what I feel like doing, which is to provide a big, huge "core dump" of everything I'm pondering, in the hopes that it'll generate one of those big, huge brainstorming sessions that lasts for days, and attracts comments from the greatest thinkers on the list.

I've been trying to come up with an inexpensive way to charge batteries using some sort of renewable energy source. Y2K has something to do with this being on my mind, but actually, I'm not predicting a big disaster for Y2K. (For my take on Y2K, see:

<http://okcforum.org/~psykey/y2k/>

Even though I expect the Y2K problems to be relatively minor (say about the same impact as a major ice storm sweeping across the continent, here in the US), I believe that we hams have an obligation to prepare for the worst. Whether it's Y2K, damage from a major flood, earthquake, or hurricane, or some unforeseen disaster, I believe that it's prudent for hams to be prepared to power our gear for extended periods of time without assuming that **any** infrastructure support will be available. No power grid, no distribution of batteries, fuel, or other consumer goods, or anything else that depends on some aspect of society functioning. (I also don't think that storing more than a gallon of fuel is a good idea.)

We all know that it's possible to spend a few hundred dollars, and end up with a solar array, battery charger, and high capacity battery which will keep any 100-watt ham station on the air on a daily basis for any arbitrarily long period. However, I have yet to spend a few hundred dollars on **any** part of my ham station. For me, ham spending is limited to \$20 or \$30 a month. My enjoyment of ham radio is the only thing that keeps me in the hobby, so saving the \$20 or \$30 a month for a year isn't an option. 1) If I did that, it would mean going a year without buying anything to help me tinker--no

books, magazines, batteries, solder, cable, connectors, interesting junk from garage sales and thrift stores, or any of the other things to play with that keep the hobby fun. 2) If I went ahead and did that anyway, I'd spend the few hundred dollars to buy a nice rig. I'm in danger of getting too long-winded on this financial angle, so let me stop and summarize it, now: The advice "If it means that much to you, then cough up the few hundred dollars and be done with it" isn't very useful to me. I want to figure out how to use next month's \$20 or \$30 to build the best source of renewable energy I can come up with. I'd be especially pleased if it didn't depend on my stumbling across \$200 worth of solar cells at a hamfest for \$20. I'd like for it to be something which, once finished and proven, could be duplicated by others for a song, as well.

So much for my ramblings about my goal and the motives behind it. Now, let me get on to rambling about renewable energy sources!

The sources of renewable energy that have come to mind for me so far are solar, wind, running water, geothermal, and muscle. I'm tentatively ruling out solar because it seems to cost a lot, running water because I have none near my house, and geothermal because I'd have to dig too deep, or something. :) That leaves wind, and muscle. (I'm not considering agricultural sources at all, since in a disaster, agricultural resources would no doubt need to be devoted to feeding the population. I realize that muscle power is a derivative of agricultural resources, but then, we need exercise to stay healthy, anyway.)

I've only come up with one way to harness the power of the wind, and that's to build a windmill based on this url:

<http://www.accs.net/users/cefpearson/wingen.htm>

This URL gives plans for building a windmill rotor out of PVC. It seems to me that that's the hard part. If one knows how to build the rotor, then the rest of the task of building a cheap windmill would simply be one of getting creative with finding cheap ways to hook together whatever had been scrounged up for a generator, with any gearing necessary, the rotor, and some sort of support designed to rotate into the wind. OK... that's easy for me to say, but, no, I haven't worked out those details, yet! :) (But then, I don't guess I could, until I knew what I'd be using for a generator.) So, any ideas or suggestions about how to build a windmill would be most welcome.

And then there are the muscle-powered options. The two ideas I've come up with in this category are to use a bicycle with a headlight generator, or build a treadle. Oops...don't know what a treadle is? Well...did your grandma or someone have one of those old sewing machines powered by a small platform rocked back and

forth by the feet? Or, if you're still stumped, let's see if I can describe it for you. One or both feet sit on a platform, which is hinged near the heel. The toe end of the platform is attached to a rod a few feet long. Attached to the other end of this rod is a crank on the axle of a flywheel. By rocking the platform back and forth with your feet (or foot) you make the flywheel spin. A belt and pulley driven from the flywheel turns whatever you're trying to power (in this case, a generator).

The thing that stumps me the most about the treadle idea is that I don't know what would make suitable bearings. Obviously, I'd want the bearings to be as cheap as possible, without their wearing out too frequently. I'd rather replace cheap bearings once a year or so, than spend a whole lot on last-a-lifetime bearings. Would the unthreaded part of a bolt, fitted into a piece of metal tubing, be sufficient as a bearing?

Next, we have the question of what to use for a generator. Since this is to be cheap, the generator will probably need to be on the small side (to keep building material costs down and construction techniques simple) and will probably need to be something which can be scrounged out of some sort of junk. Just about any DC motor using permanent magnets will make a decent generator. But what about the voltage and current produced? Presumably, if you turn the motor at its normal running speed, and present it with a load similar to the load the motor itself presents to a power source, it should produce a voltage and current similar to its normal running voltage and current. But what about if you speed it up? Can a typical PM motor be made to produce a wide variety of voltages, based on how fast its rotor is turned?

Portable screwdrivers usually have a PM motor which makes a good generator, although at a somewhat low voltage. The nice thing about a portable screwdriver is that it has a gear assembly built into it. What is the normal speed of rotation of a portable screwdriver--about 100 RPM or so? If so, then you'd need to turn the shaft at about 100 RPM to get the normal voltage out of it.

With most PM motors you're likely to scrounge, you'd have to do some kind of gearing to get up to the several thousand or so RPM that they're designed to run at. Some motors come with a worm gear on the shaft, which turns a regular gear at a much slower rate. It seems to me that this particular setup would be almost impossible to run in reverse. Is my impression correct? In general, are there some ways of gearing up that would work better than others?

Now, we move on to how to charge the batteries. It seems to me that NiCd's would have some important advantages (such as storing

a charge longer) when compared to lead-acid batteries, but it also seems like they might be harder to charge. I'll explain my thinking behind this, and someone correct me if I'm in some way mistaken, OK? NiCd's must not be over-charged, except that many NiCd's are built to withstand about a C/10 constant charge without any problem. So, one easy way to charge NiCd's is to give them a C/10, and then don't worry if it goes longer than the 15 hours it should take for a full charge. (This should work just fine for a windmill. We set it up, and forget it. It charges, sometimes, and sometimes it doesn't. Once it's charged for at least 15 hours, the battery has a full charge.) But, 15 hours is a long time, for a muscle-driven charging system. Muscle-driven systems would be more likely to produce higher currents for charging, but only intermittently. And it's this intermittent high current charging that I can't figure out how to manage with NiCd's. Every high-current charging system I've seen for NiCd's involves charging them continuously until they're charged, which is detected by monitoring the voltage. When a slight voltage drop occurs, they're at maximum, and high-current charging should then immediately cease. I doubt you could count on this working right, though, if you were intermittently supplying that high current.

Lead-acid batteries might be simpler to manage, it seems to me. For one thing, constant-voltage is a viable option for charging lead-acid batteries. A simple adjustable regulator circuit could be used to either slow charge (by setting a low charging voltage, and forgetting about it, letting a windmill charge it at will) or by estimating the level of charge in the battery by measuring its voltage under load, and then using that to estimate how long to charge at a higher voltage (either all at once, or in sessions). Although a lead-acid battery shouldn't be excessively over-charged, I believe they'd be more forgiving than NiCd's about possibly sitting a little too long under a high charge.

OK; that's enough yammering on and on about what I've been thinking of lately. Let me close things up by posing some specific questions.

- Have I overlooked some possible sources of renewable energy?
- How might one go about building a small windmill, or a treadle? Does anyone have plans for one, or suggestions about construction ideas, materials, or techniques for building either of these devices?
- What kinds of motors would be good for being pressed into service as a generator? What kinds of cheap, common household devices have such motors?

--What are some good, low friction techniques for gearing up to the thousands of RPM that many motors would require?

--What kinds of simple homebrew charging schemes would go well with intermittent low current sources, and with intermittent high current sources?

I hope everyone who is so inclined will feel free to answer these questions, propose alternative strategies, or in general, brainstorm about this topic in any way that pleases them! :)

Thanks in advance for any ideas or suggestions.

--Jim WB5UDE

Date: Thu, 11 Mar 1999 17:37:24 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [35341] New DDS VFO in the works
Message-ID: <199903112222.RAA15154@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi Gang,

I've been working on a new DDS VFO I hope some of you may be interested in. It is nearly ready for production and would like to know how much interest there maybe in it before I order pc boards.

This VFO is designed primarily to replace or up grade the analog VFO in common QRP rigs, which use a VFO less than 9.5 Mhz in frequency.

It is based on the AD9832 DDS chip and controled by an Atmel 90S2313 RISC cpu. It is built on a 2" x 1.6" x 0.6" (WLH) board that mounts to the front panel with a couple of 4-40 tapped right angle brackets. The board includes two PB slide switches (tuning rate, RIT) and 5 leds, four of which are used as a unique "LED Dial"(tm). The 5th led indicates RIT is active.

You can program the VFO to tune any frequency range from 100 Khz to 9.5 Mhz. Typicly, you would program the VFO to match the frequency range of the VFO in the rig to be replaced. You also program at which frequency you want each of the four led dial lights to light,

a Tx offset, if needed (handy for DC rigs - DDS Pixie anyone?) and at what frequency you want the default power-on frequency to be. You need a frequency counter to program the VFO. Data is stored in on-chip eeprom, so no need for back up power.

Tuning is done with a small mechanical rotary encoder (32 step) and you can select 10 Hz, 100 Hz, 1 KHz and 10 KHz tuning rates. When RIT is activated, the tuning rate is automatically set to 25 Hz and restored to the original step size when RIT dis-engaged (along with the original operating frequency)

A basic 10- 40 wpm keyer is also built in, with side tone suitable to drive a piezo speaker. (Iambic A mode)

Current consumption is about 30 ma. Output level varies with frequency and is 1 v p-p at 9.5 Mhz and 2 v p-p at 200 KHz. Output spectrum is free of major spurs up to 8 Mhz. Above that, the second harmonic and alias image can be up to 30 dB down (at 9.5 Mhz), but are far removed from the fundamental and shouldn't be a concern in most cases. Warm up drift also varies with frequency, but is only 10 Hz at 7 Mhz.

As there are 31 surface mount parts, I will be offering the VFO built and tested. Price will run \$55.00. I should have these available in early April. Let me know if you'd be interested in this neat little DDS VFO or want more info.

Thanks,

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 11 Mar 1999 18:29:08 -0500
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@lehigh.edu>
Cc: Steve Slavsky <radioham@erols.com>
Subject: [35342] QRP ARCI awards not received?
Message-ID: <36E851C4.644F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just a note in addition to what Steve Slavsky said about the QRP ARCI awards: if you have applied for a QRP ARCI award in the past and never received it, be sure to let him know. We do know that some things have

slipped through the cracks in the past, which is probably inevitable in just everything that humans do. If you never got your award, be sure to let him know and he'll make it right.

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com
President, QRP ARCI

Date: Thu, 11 Mar 1999 18:47:07 -0500
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@lehigh.edu>
Subject: [35343] Re QRP Quiz and ARRL
Message-ID: <36E855FB.6C0A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Forgive me if this has already appeared on the qrp-l "live feed", but it's been almost 22 hours now and it still doesn't appear on the html archives, so here goes again. The qrp-l part must have been eaten by The System, since I had W1RFI in the address line the first time, as well as qrp-l, and he already replied to me long ago. I don't think what I said here was controversial enough to get me censored. I especially doubt that it would be censored since I promised K5FO a ride from BWI airport up to the Atlanticon hotel and he know he has to treat me well until then :-)

Ed, interesting to see the response your innocent and, you thought, helpful posting resulted in. As they say, "no good deed goes unpunished!"

If you have been following qrp-l for any length of time, you are well aware that every now and then someone puts out an innocent posting that generates a flurry of hate mail, so don't feel you are being singled out. Unfortunately, there's no way to tell what will generate one of those blizzards. Even the most simple, innocuous, well meaning and innocent question or comment can bring out the venom. And has, many times.

At least in your case there was somewhat of a political basis behind it, since it made reference to an ARRL-only web page so you don't need to feel too bad about it or take it too personally--you hit a nerve and pushed a "hot button". And had you done it a week earlier or later, it may well have gone unnoticed and uncommented. Guess it all depends on

what sort of mood folks are in at the moment, whether their spouse or boss yelled at them that day, who knows what. Never can tell. I suppose the best time to put out something that might be considered remotely controversial is a couple of days after the last flame war has died off and people have gotten it out of their system and are taking a breather :-)

The really interesting thing is how totally innocent and innocuous, simple, completely nonpolitical and uncontroversial questions by newcomers who honestly don't know something simple or which is well known to the rest of us, can generate equal amounts of bile. That's the danger of being on a mail reflector or newsgroup. Fortunately, it's relatively rare here.

Of course, it does tend to drive away the innocent newcomers, people who may have become useful and enthusiastic contributors in the future. And if my private e-mail over the years is any indicator, it also drives away some well established, very knowledgeable hams who could have been very real assets. But don't hold it against qrp-l; I think I can safely guarantee that it happens on all sorts of mail reflectors and newsgroups.

BTW, on the quiz I scored in the top category :-) I won't mention how many I missed, though, one due to carelessness and another--on one of the match-up-the-items questions--because there was no hint that some items might have more than one thing matched up with them. But at least I did rate as "QRP guru" :-)

And while we're at it, I do have a criticism of my own about the ARRL members-only web page--one needs a password to access it. Nothing wrong with that, but just about everything in my life needs a password. I long ago lost track of how many web sites I signed up for from vendors and trade journals and such, all of which require a user name and password. Guess how many of them I remember? And how many I even bother to check again?

Having two dozen passwords is an incredible pain, and having one single password for everything is at the very top of the list of computer no-no's. I refuse to keep a list in my wallet of all the passwords that I have. I just don't bother visiting those sites again. (Luckily I remembered both my user name and password for the ARRL members only site.)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

End of QRP-L Digest 1392
